

CSCI 1302 Course Syllabus

Course Information

Course: CSCI 1302 - Computer Science II

Semester and Academic Year: Summer 2026

Hours: 4

Prerequisite/Corequisite

Prerequisite: CSCI 1301 or CSCI 1301K with a grade of C or higher.

Course Description

The course includes an overview of abstract data types (ADTs); arrays (multi-dimensional) and records; sets and strings; binary files; searching and sorting; introductory algorithm analysis (including Big-O); recursion; pointers and linked lists; software engineering concepts; dynamic data structures (stacks, queues, trees). This course consists of four contact hours of lecture with hands-on programming activities. (4-0-4).

Course Learning Outcomes

- ABET 1: Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.
- ABET 2: Design, implement and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
- ABET 6: Apply computer science theory and software development fundamentals to produce computing-based solutions.

Required Course Materials

Required Textbook: Introduction to Program Design with Java: A Comprehensive Guide to Object-Oriented Development by Mohammad Mohebbi, Paul Murray, Phillip Williams, Mingyuan Yan, and Jianjun Yang.

Recommended Software: Eclipse IDE.

Supplementary Readings: Any and all other additional materials, or means by which to obtain these materials, will be physically or electronically provided to you by your instructor.

Grading Policy

Assessment Category	Weight	Letter Grade	Grading Scale
Homework and Quizzes	15%	A	90% - 100%
Programming	25%	B	80% less than 90%

Assignments			
Exams (2)	30%	C	70% less than 80%
Final Exam	30%	D	60% less than 70%
Total	100%	F	0% Less than 60%

Attendance Policy

Attendance of online learning will be checked directly through an attendance quiz that is assigned at the beginning of each week. According to UNG's class attendance policy: If a student is inactive on D2L for 10% of any class, excluding excused absences, which calls into question the ability of the student to succeed or meet the learning objectives of the course. It is permissible for the instructor to initiate a University-Initiated Course Withdrawal, direct the student to the Hardship Withdrawal process, or both.

Academic Honesty/Integrity Statement

All assignments are individual work. Therefore, copying or sharing with others is not allowed. Any violation of the Student Code of Conduct (for example, if a submission is identical to another student or can be found online or is AI generated) will be given a 0 for that assignment and reported to the Disciplinary Committee of UNG and the Head of Department. A student will be dropped from this class if this happens a second time. No exceptions. If you are dropped from this class after the withdraw deadline due to academic dishonesty, you will receive a WF grade.

Supplemental Syllabus

Access to UNG's Supplemental Syllabus information is available Academic Affairs' Policies & Procedures UNG webpage.