Computer Studies

Course Title: Computer Studies	
Description	This course covers foundational and advanced topics in computer hardware, software, and programming. It begins with essential PC hardware concepts, including system architecture, microprocessors, memory, and the principles of Turing machines and Neumann architecture. The course then introduces software fundamentals, focusing on operating system tasks and advanced Excel skills. Students will learn Python programming, exploring data structures, input/output operations, and essential programming constructs like branching and loops. Additionally, the course addresses basic algorithms, file management, library functions, and computer security, including virus protection.
Semester	Autumn 2024
Neptun code	GEIAK201-B2A
Instructor	Dr. Nasraldeen Khleel
Credit Hours	2+2
Attendance Requirement	Students are required to attend at least 60% of the scheduled classes to be eligible for the course signature.
Final presentation	At the end of the semester, students will present their projects to the class. A complete project submission includes source code, documentation, and test cases.
Examination	The examination is written, and students will receive some theoretical questions and one practical task from the studied material.

- Lecture notes
- Tasks
- Examination questions