Course program and reading list
Semester 1 Year 2023

School: Efi Arazi School of Computer Science B.Sc

Advanced Programming

Lecturer:
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Course No.:  3030  Course Type :  Lecture  Weekly Hours :  4  Credit:  4

Course Requirements :  Final Exam  Group Code :  231303001  Language:  Hebrew

Prerequisites
Course Description

We will cover several essential tools that enhance any programmer's toolbox, including advanced Java topics, distributed version control, Python, SQL, HTML, JavaScript and CSS. The course will give students a solid footing in each topic that will allow them to keep exploring on their own. There will be a strong emphasis on self-learning, reading documentation and problem solving.

Course Goals

- Become familiar with advanced Java, distributed version control, Python, SQL, HTML, JavaScript and CSS.
- Learn how to quickly dive into new programming topics and tools.
- Learn to read official documentation.
- Learn to debug.

Grading

- Homework & quizzes: 40%
- Final exam: 60%

Final exam grade must be 60 or above in order to pass the course.

Reading List