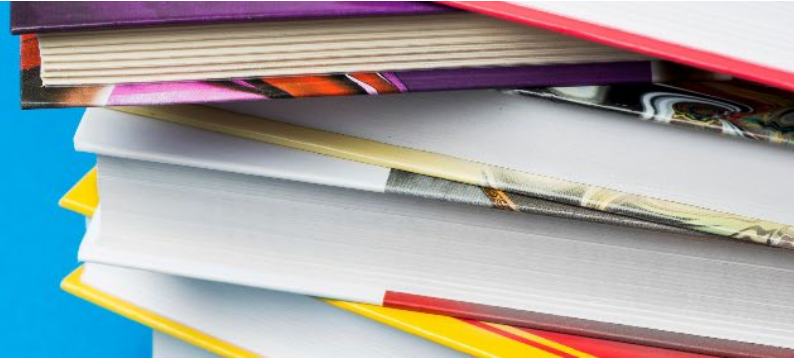




# Full Syllabus



## Course Title

Software Project

## Lecturer

Mrs. Yael Kupershmidt and Prof. Roded Sharan

## Semester

A

## Course requirements

Two ex., a project and an exam

## Final grade components

10% per ex., 30% exam and 50% project. A passing grade in the course is conditioned on passing the exam and project.

## Course schedule

Class no. / Date	Subject and Requirements (assignments, reading materials, tasks, etc.)
1	Introduction and basic C
2	Functions, storage classes and arrays
3	The programming environment & Introduction to Python (ex 1)
4	C tutorial
5	Pointers and strings
6	Advanced data structures and the preprocessor
7	Interfacing C from Python (ex 2)
8	Data science libraries I
9	Data science libraries II
10	Project presentation

## Required course reading

## Optional course reading

A book on C; Python data science handbook

## Comments