האוניברסיטה העברית בירושלים
THE HEBREW UNIVERSITY OF JERUSALEM

The Hebrew University of Jerusalem

Syllabus

System Introduction for CS - 67100

Last update 03-03-2022

HU Credits: 0

Degree/Cycle: 1st degree (Bachelor)

Responsible Department: Computer Sciences

Academic year: 0

Semester: 1st and/or 2nd Semester

Teaching Languages: Hebrew

Campus: E. Safra

Course/Module Coordinator: Aviv Yaish

Coordinator Email: 67100huji@gmail.com

Coordinator Office Hours: None, if you have questions please consult with your Intro2CS teaching assistants and lab support

<u>Teaching Staff:</u>
  Mr. Aviv Yaish

<u>Course/Module description:</u>
  Basic course to get acquainted with the digital working environment of the school for computer science and engineering.

<u>Course/Module aims:</u>

<u>Learning outcomes - On successful completion of this module, students should be able to:</u>
  Use the command-line shell in Linux-based operating systems, get around the HUJI CSE environment, use virtualenv and virtual computers, and work with Git.

<u>Attendance requirements(%):</u>
  0

Teaching arrangement and method of instruction: Online learning.

<u>Course/Module Content:</u>
  - Linux: command line, filesystem, users, permissions, pipelining, input/output redirection, basic tools, text editing, process management.
- HUJI CSE environment: special folders, disk space management, connecting from the outside.
- Virtual environments: python's virtualenv, virtual machines.
- Git: basic usage.

<u>Required Reading:</u>
 Most of the course is based on:

https://wiki.cs.huji.ac.il

http://wiki.cs.huji.ac.il/wikis/MediaWiki/cs/images/cs/images/c/c9/Intro2CSE.pdf

Additional material is supplied in the moodle.

 <u>Additional Reading Material:</u>

A similar course which covers roughly the same material, but in English, can be found here:

https://missing.csail.mit.edu/

<u>*Course/Module evaluation:*</u>
End of year written/oral examination 0 %
Presentation 0 %
Participation in Tutorials 0 %
Project work 0 %
Assignments 0 %
Reports 0 %
Research project 0 %
Quizzes 100 %
Other 0 %

<u>*Additional information:*</u>
It's going to be fun.