



# *The Hebrew University of Jerusalem*

## *Syllabus*

### *SYSTEM INTRODUCTION FOR CS - 67100*

*Last update 16-03-2019*

*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: [aviv.yaish@mail.huji.ac.il](mailto:aviv.yaish@mail.huji.ac.il)*

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

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Teaching Staff:

Mr. Aviv Yaish

Course/Module description:

Basic course to get acquainted with the digital working environment of the school for computer science and engineering.

Course/Module aims:

Learning outcomes - On successful completion of this module, students should be able to:

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.

Attendance requirements(%):

0

Teaching arrangement and method of instruction: Online learning.

Course/Module Content:

- 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.

Required Reading:

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.

Additional Reading Material:

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Course/Module evaluation:

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 %

Additional information:

*It's going to be fun.*