



The Hebrew University of Jerusalem

Syllabus

Parallel and Distributed Systems - Lab - 67845

Last update 29-01-2024

HU Credits: 5

Degree/Cycle: 2nd degree (Master)

Responsible Department: Computer Sciences

Academic year: 0

Semester: Yearly

Teaching Languages: English and Hebrew

Campus: E. Safra

Course/Module Coordinator: Prof. Amnon Barak

Coordinator Email: [u](#)

Coordinator Office Hours: By appointment

Teaching Staff:

Prof. Amnon Barak

Course/Module description:

Parallel and distributed systems, Resilient algorithms and applications; high-performance computing systems; management of large scale clusters and virtualization.

The course combines research and development.

Course/Module aims:

Understanding of parallel and distributed systems

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

Understanding of parallel and distributed systems

Attendance requirements(%):

100

Teaching arrangement and method of instruction: Lab

Course/Module Content:

Parallel and distributed systems, algorithms and applications; Resilient algorithms; high-performance computing systems; parallel programming; management of large scale clusters and virtualization.

Required Reading:

Recent research papers

Additional Reading Material:

Grading Scheme:

Essay / Project / Final Assignment / Home Exam / Referat 100 %

Additional information:

