DS221 August 3:0

Introduction to Scalable Systems

Instructor

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Teaching Assistant

None
Email: None

Department: CDS

Course Time: Tue, Thu, 11:30-13:00

Lecture venue: CDS 202 Classroom

Detailed Course Page: Available from the CDS main site

Announcements

Brief description of the course

This course is an introductory course for students of both science and engineering backgrounds covering

topics related to parallel architectures, concurrent data structures, parallel programming models, parallel

programming libraries, parallel algorithms, and cloud computing systems.

Prerequisites

None.

Syllabus

parallel architectures, concurrent data structures, parallel programming models, parallel programming

libraries, parallel algorithms, and cloud computing systems.

Course outcomes

Fundamentals of Parallel programming and architectures. Good knowledge of concurrent data structures,

cloud computing fundamentals. And mainly ability to devise and program parallel algorithms.

Grading policy

30% for assignments, 20% for two mid-terms, and 50% for final exam

Assignments

Resources