

CS 490 DS

Distributed Systems

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Schedule: MWF 9:30 AM - 10:20 AM

Topics

- Fundamental issues: failures, asynchrony
- Basic systems: RPC, RMI, SOAP
- Group communication: broadcast, group membership
- Consistency: logical time, snapshots
- Agreement: consensus, leader election
- Security: access control, authentication
- Storage: distributed FSs, transactions
- Infrastructures++: P2P, WSNs, clouds

- Course website:

www.cs.purdue.edu/homes/msaeidaa/courses/DS490DS.html