

CS396 Special Topics on Wireless and Sensor Networks

Spring 2006

Tentative Schedule

Week	Date	Topic	Assignment
1	01/12/06	Course Overview, Wireless Communication	
2	01/17/06	Overview of Wireless Systems (by instructor)	
	01/19/06	MAC I (by instructor)	
3	01/24/06	MAC II (by instructor)	
	01/26/06	Routing I (by instructor)	
4	01/31/06	Routing II (by instructor)	Presentation Sign-Up
	02/02/06	Transport I (by instructor)	
5	02/07/06	Transport II (by instructor)	
	02/09/06	Summary/Introduction to Special Topics (by instructor)	Proposal Due
6	02/14/06	Mobility Model	
	02/16/06	Mobility Support	
7	02/21/06	QoS (Scheduling)	
	02/23/06	QoS (Service Differentiation)	
8	02/28/06	Energy Efficient Mechanism	
	03/02/06	Topology Control	Survey Report Due
9	03/07/06	Spring Break	
	03/09/06	Spring Break	
10	03/14/06	Wireless Network Modeling/Capacity Analysis	
	03/16/06	Architecture	
11	03/21/06	Application I	
	03/23/06	Application II	
12	03/28/06	Introduction to Security (by instructor)	Design Report Due
	03/30/06	Security (Routing)	
13	04/04/06	Security (Key Management)	
	04/06/06	Introduction to Mesh/Sensor Networks (by instructor)	
14	04/11/06	Wireless Mesh Network	
	04/13/06	Sensor Network (Data Dissemination)	
15	04/18/06	Sensor Network (Localization)	
	04/20/06	Course Summary (by instructor)	Final Report due
16	04/25/06	Presentation/Poster	