

Readings

The table below lists the topics of discussion for this semester's class. Each student will be required to lead the discussion for at least one of these classes. Please rank your top three choices (1,2,3) and return this sheet. Every effort will be made to allow everyone to lead one discussion on their preferred topics, while a second topic may be assigned.

Name: _____ e-mail: _____

Date	Topic	Preference
January 18	Branch prediction and instruction prefetching	
January 23	Scalable instruction fetch and trace caching	
January 25	Instruction-level parallelism	
January 30	Superscalar processors	
February 1	VLIW processors	
February 6	Compilers	
February 8	Caching	
February 15	Data prefetching	
February 20	Address Translation	
February 22	DRAM	
February 27	Memory Bandwidth and Parallelism	
March 13	Clustered architectures	
March 15	Simultaneous multithreading	
March 20	Chip multiprocessing	
March 22	Technology	
March 29	Power simulation and modeling	
April 3	Low power	
April 10	Modern processors 1	
April 12	Modern processors 2	