

CS 851: Course Schedule
 Spring 2000
 Kevin Skadron Time and place TBA

Week of	Week	Notes	Content
19-Jan	1	<i>Half-week</i>	Intro & survey
24-Jan	2		Background: branch prediction
31-Jan	3		Aggressive branch prediction
7-Feb	4		Trace cache, Trace processors, and Instruction Reuse
14-Feb	5		SMT, SSMT, and Multipath
21-Feb	6		MultiScalar
28-Feb	7		Thread-level data speculation; Value Prediction
6-Mar	8		Value Prediction
13-Mar		<i>Spring Break</i>	
20-Mar	9		Aggressive caching techniques
27-Mar	10		Aggressive caching techniques; IRAM
3-Apr	11		Wacky stuff: Diva and DataScalar
10-Apr	12		Predication
17-Apr	13		Predication; VLIW
24-Apr	14		VLIW
2-May	15	<i>Half-week</i>	EPIC and the Intel iTanium