

435/835	3	Cluster & Grid Computing				X				X			
437/837	3	File & Storage Systems						X				X	
438/838	3	Sensor Networks		X			X		X				X
455/855	3	Distributed OS			X			X				X	
456/856	3	Parallel Programing		X				X				X	
457/857	3	Systems Administration						X				X	
458/858	3	Real-Time Systems											
464/864	3	Internet Programming											
466/866	3	Software Design Methodologies											
467/867	3	Software Quality											
470/870	3	Computer Graphics											
471/871	3	Bioinformatics			X				X				X
472/872	3	Digital Image Processing				X		X		X		X	
473/873	3	Computer Vision			X				X		X		
474/874	3	Data Mining				X				X			
475/875	3	Multiagent Systems				X				X			
476/876	3	Intro to Artificial Intelligence	X				X				X		
477/877	3	Cryptography & Security											
478/878	3	Machine Learning		X				X				X	
479/879	3	Intro to Neural Networks											
496/896	3	Data and Network Security	X				X				X		
496/896	3	Self-Managing Computer Systems	X		X				X				X
436/836	3	Embedded Systems	X		X		X		X		X		X
496/896	3	Software Architecture											
496/896	3	Graph Theory for Non-CSE		X									
496/896	3	Applied Multiway Data Analysis								X			
496/896	3	Biometrics											
496/896	3	Robotics				X				X			
496/896	3	Coord in Gblal Software Dev							X				X
496/896	3	High Performance Computing											
496/896	3	Quantum Computing											
496/896	3	Queuing Models for ...											
496/896	3	Simulation Science											
496/896	3	Steganography											
496/896	3	Comp Engr course	X										
496/896	3	VLSI Physical Design											
496/896	3	[Rothermel]						X				X	
496/896	3	[cohen]								X			X
496/896	3	[Dwyer]									X		
913	3	Advanced Database Topics	X				X				X		
914	3	Constraint Database Systems							X				
923	3	Design & Analysis of Algs		X		X				X			
924	3	Graph Algorithms	X					X					X
930	3	Adv Computer Arch		X								X	
932	3	Fault Tolerance Testing											
952	3	Adv Computer Networks				X				X			
953	3	Advanced Optical Networks		X					X				X
961	3	Coding Theory											
962	3	Adv Software Engineering	X						X				X
963	3	Software Process Engineering											
970	3	Pattern Recognition							X			X	
971	3	Adv Bioinformatics									X		
973	3	Support Vector Machines											
976	3	Adv Artificial Intelligence						X				X	
977	3	Data Encryption											
979	3	Adv Neural Networks											
921	3	Adv Constraint Processing				X				X			
990	3	Biometrics											
990	3	Adv Software Architecture								X			

990	3	Advanced Runtime Systems				X				X			
990	3	Search Based Software Engr											
990	3	Sensor Networks											
990	3	Software Eng. Productivity											
990	3	[Vuran's Course]						X					
990	3	[Dwyer]							X				
990	3	Advanced Data Mining	X				X						
990	3	Advances in Computational Complexity			X						X		
990	3	Software Model Checking											
990	3	Empirical Software Engineering		X			X				X		
990	3	Software Quality (Cohen)						X				X	
990	3	Advanced Multiagent Systems			X				X				X
990	3	[Elbaum]											X
990	3	Robotics		X				X				X	
990	3	High Performance Storage											
990	3	Image Proc for Chem											
990	3	Adv Distributed Computing					X				X		
990	3	Program Anal. & Software Testing											
990	3	Software Quality											
990	3	SE special topic											
990	3	Adv Quantum Computing											
990	3	Advanced Topics in VLSI			X								