

SCHOOL OF ENGINEERING AND COMPUTER SCIENCE

Computer Science textbooks – Spring semester 2010

	Instructor	Book No.	Author	Title	Publisher	Edition	ISBN	Required or Recommended
CS 122	Wallace	1.	Goodrich & Tamassia	Data Structures and Algorithms in Java	John Wiley & Sons	4 th	0471738840	Req'd.
CS 216	Mocas	1.	Rosen, Kenneth H.	Discrete Mathematics and Its Applications	McGraw-Hill	6 th or 5th	9780072880082	Req'd.
CS 224	Cochran	1.	Randal L. Schwartz and Tom Phoenix	Learning Perl	O'Reilly	5 th - 08	9780596520106 or 07	Req'd.
		2.	Aaron Hillegass	Cocoa Programming for Mac OS X	Addison-Wesley	3 rd - 08	9780321503619	Req'd.
CS 251	Lang	1.	Kochan, Stephen G.	Programming in C	Sams	3rd	0672326663	
CS 351	Williams	1.	Siberschatz, Korth, and Sudarshan	Database System Concepts	McGraw-Hill	5 th (06)	9780072958867	Req'd.
CS 355	Cochran	1.	Scott, Michael L.	Programming Language Pragmatics	Morgan Kaufmann	3rd	9780123745149	Req'd.
		2.	Graham, Paul	ANSI Common Lisp	Prentice-Hall	1st	9780133708756	Req'd.
CS 360	Lang		<u>No textbook will be required for this course</u>					
CS 420	Pilskalns		<u>No textbook will be required for this course</u>					
CS 427/527	Mocas	1.	Stallings, William	Cryptography and Network Security Principles and Practices	Pearson Prentice Hall	4 th	0131873164	Req'd.
CS 440	Wallace	1.	Russell & Norvig	Artificial Intelligence: A Modern Approach	Prentice Hall/Pierson	2 nd	0137903952	Req'd.

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CS 443	Wreggit	1.	Helen Sharp, Yvonne Rogers, Jenny Preece	Interaction Design: Beyond Human-Computer Interaction	Wiley	2 nd Edition 2007	9780470018668	Req'd.
CS 466/566	Wade	1.	Simon, David	An Embedded Software Primer	Addison-Wesley	Latest (99)	978020161569X	Req'd.
		2.	Labrosse, Jean	MicroC/OS-II The Real Time Kernel	CMP Books	2 nd (02)	9781578201037	Req'd
CS 527	Mocas	1.	Stallings, William	Cryptography and Network Security Principles and Practices	Pearson Prentice Hall	4 th	0131873164	Req'd.
CS 548	Cochran	1.	Shirley, Peter	Realistic Ray Tracing	AK Peters	2 nd	1568811985	Req'd.
		2.	Rost, Randi J., Licea-Kane, Bill	Open GL Shading Language	Addison-Wesley/Pearson	3 rd	9780321637635	Req'd.
CS 558	Song	1.	Karl Holger and Willing Andreas	Protocols and Architectures for Wireless Sensor Networks	Wiley and Sons	1 st	0470519231 (paperback)	Req'd.
		2.	CS Raghavendra, Krishna Sivalingam, and Taieb Znati	Wireless Sensor Networks	Springer	1 st	1402078838	Recommended
CS 580	Mocas	1.	Cormen, Leiserson, Rivest, Stein	Introduction to Algorithms	MIT Press	2 nd or 3 rd	0262033844 <i>or</i> 9780262033848	Req'd.