

SCHOOL OF ENGINEERING AND COMPUTER SCIENCE

Computer Science textbooks – Spring semester 2008 (as of 10/29/07)

	Instructor	Book No.	Author	Title	Publisher	Edition	ISBN	Required or Recommended
CS 122	Mocas	1.	Sedgewick, Robert	Algorithms in C, Parts 1-4: Fundamentals, Sorting, Searching, and Strings	Addison-Wesley	3rd	0201314525	Req'd.
CS 216	Mocas	1.	Rosen, Kenneth H.	Discrete Mathematics and Its Applications	McGraw-Hill	6th	0072880082	Req'd.
CS 224	Cochran	1.	Kernighan, Brian	The UNIX Programming Environment	Prentice-Hall	1st	013937681X	Req'd.
		2.	Wall, Larry	Programming Perl	O'Reilly	3rd	0596000278	Req'd.
		3.	Smart, Julian	Cross-Platform GUI Programming with wx Widgets	Prentice-Hall	1st	0131473816	Recommended
CS 234			No textbook will be required for this course					
CS 355	Cochran	1.	Scott, Michael L.	Programming Language Pragmatics	Morgan Kaufmann	2nd	0126339511	Req'd.
		2.	Graham, Paul	ANSI Common Lisp	Prentice-Hall	1st	0133708756	Req'd.
CS 360	Lang	1.	Haviland, Gray & Salama	Unix Systems Programming	Addison-Wesley	2nd, 1999	0201877589	Req'd.
		2.	Kernighan & Pike	The Unix Programming Environment	Prentice-Hall	1984	013937681X	Req'd.
CS 427/527	Pilskalns	1.	Stallings, William	Cryptography and Network Security Principles and Practices	Pearson/Prentice-Hall	4th	0131873164	Req'd.

Course	Instructor	Book No.	Author	Title	Publisher	Edition	ISBN	Required or Recommended
CS 440	Wallace	1.	Russell, Norvig	Artificial Intelligence: A Modern Approach	Prentice-Hall	2nd	0137903952	Req'd.
CS 443	Wreggit	1.	Jenny Preece, Yvonne Rogers, Helen Sharp	Interaction Design: Beyond Human-Computer Interaction	Wiley	1st (Feb 02) Instructor would like the 1st – not the latest edition.	9780471492788	Req'd.
CS 466	Wade	1.	Simon, David	An Embedded Software Primer	Addison-Wesley	Latest	020161569-X	Req'd.
		2.	Labrosse, Jean	MicroC/OS-II The Real Time Kernel	CMP Books	Latest	0879305436	Req'd
CS 483								
CS 521			No textbook will be required for this course					
CS 527								
CS 548	Cochran	1.	Shirley, Peter	Realistic Ray Tracing	AK Peters	2nd	1568811985	Req'd.
CS 580 Advanced Topics: Wireless Ad Hoc & Sensor Networks	Song	1.	Holgar Karl Andreas Willing	Protocols and Architectures for Wireless Sensor Networks	John Wiley & Sons, Ltd.	1st	0470095105	Req'd.
		2.	CS Raghavendra, Krishna Sivalingam Taieb Znati	Wireless Sensor Networks	Springer	1st	1402078838	Recommended
CS 580 Advanced Topics: Management Problems	Fletcher	1.	William Jones & Jaime Teevan, Eds.	Personal Information Management	University of Washington Press	Paperback, 2007	9780295987378	Req'd.