
Florida State University
Dept. of Computer Science
Undergraduate Curriculum Committee
Approved Textbooks for Undergraduate
Courses

General Order and Shortcuts					
<u>CAP</u>	<u>CDA</u>	<u>CEN</u>	<u>CGS</u>	<u>COP</u>	<u>COT</u>
CAP					
Number	Course Title	Book Title	Author(s)	ISDN	Required/Optional
CAP 4601	Introduction to Artificial Intelligence				
		Artificial Intelligence, 5/E	George F. Luger	0-321-26318-9	required
	used 2020	Artificial Intelligence: A Modern Approach 4/E	Russell and Novig	978-0-13-461099-3	
CAP 4730	Computer Graphics				
		Expert Systems: Principles and Programming, 4/E	J. Giarratano, G. D. Riley	0-534-38447-1	required
CDA					
Number	Course Title	Book Title	Author(s)	ISBN	Required/Optional
CDA 3100	Computer Organization I				
	used fall 2020	Computer Organization and Design: The Hardware/Software Interface, 5/E	D.A. Patterson and J.L. Hennessy	978-0-12-4077263	required
CDA 3101	Computer Organization II				

	used Spring 2007	Computer Organization and Design: The Hardware/Software Interface, 3/E	D.A. Patterson, J.L. Hennessy	1-55860-604-1	required
CDA 4150	Computer Architecture				
	used Spring 2007	Computer Architecture: A Quantitative Approach, 3/E	J.L. Hennessy, D.A. Patterson	1-55860-596-7	required
CNT 4504 (previously CDA 4503)	Introduction to Computer Networks				
	approved Oct 2007	Computer Networks: A top-down approach	A. S. Tanenbaum	0-13-066102-3	required
	approved Nov 2006 used Spring 2007	Communication Networks: Fundamental Concepts and Key Structures	A. Leon-Garcia, I. Widjaja	0-07-246352-X	required
	used previously	Computer Networking	Kurose, Ross	0-321-41849-2	required
CEN					
Number	Course Title	Book Title	Author(s)	ISBN	Required/ Optional
CEN 4020- 4021	Software Engineering 1-2				
	used fall 2008	Software Engineering, 8/E	Sommerville	978-0-321131- 79-9	required (alternate for Dennis et al.)
	used fall 2008	Systems Analysis and Design with UML Version 2.0	Alan Dennis, Barbara Wixom, David Tegarden	978-0-471348- 06-1	required
	used fall 2008	A Gift of Fire	Sara Baase	978-0-134587- 79-0	required
CEN 4012r	Mentored Software Project				
no textbook					
CEN 4516	Distributed Systems and Networks				
course never offered					
CEN 4681	Expert Systems				

CGS					
Number	Course Title	Book Title	Author(s)	ISBN	Required/Optional
CGS 2060	Computer Literacy				
	used fall 2020	My IT Lab with Pearson eText for GO! 2019 with Technology in Action for FSU 16/E	Evans, Martin and Poatsy	978-0-13-6976790	required
	used fall 2020	Computing Essentials 2021 Microsoft Office 365 in Practice	O'Leary Nordell	9781264832606	
CGS 2064	Computer Literacy II				
	used spring 2007	Succeeding with Technology	Stair	1-4188-9598-9	required
	used spring 2007	Sam 2003 Assmt & Trng MS	Course Tech	9-619-17234-7	optional
CGS 2100	Microcomputer Applications for Business/Economics				
	used fall 2020	My IT Lab with Pearson eText for GO! 2019 with Technology in Action for FSU 16/E	Evans, Martin and Poatsy	978-0-13-6976790	required
	used fall 2020	Computing Essentials 2021 Microsoft Office 365 in Practice	O'Leary Nordell	9781264825066	
CGS 3066	Introduction to Internet Technology				
	used spring 2007	Internet & World Wide Web: How to Program	H. M. Deitel, P. J. Deitel, A. B. Yellowberg	978-0-131752-42-9	required
CGS 3403	Introduction to COBOL Programming for Business				
	course not offered recently by this department				
CGS 3406	Object-Oriented Programming in C++				
	approved Nov 2006 used spring 2007	C++ Debugging Guide	A. Ford, T. Teorey, G. Tyson	0-536-98765-3	required first of 2
	approved previously	Starting out with C++	T. Gaddis	0-321-40939-6	required second of 2

	used spring 2007				
	used spring 2006	Problem Solving with C++: The Object of Programming, 5/E	W. Savitch	0-321-26865-2	required alternate for first of 2
CGS 3408	Introduction to Programming with the C Language				
	used spring 2007	C++: How to Program, 5/E (w/cd)	H. Deitel, P. Deitel	0-13-185757-6	required
CGS 3416	Java Programming for Nonspecialists				
	used spring 2007	Java: How to Program, 6/E (w/cd)	Deitel	978-0-132222- 20-4	required
CGS 3460	FORTRAN for Nonspecialists				
course not offered recently					
CGS 3465	Intro to Programming Using Python				
	used spring 2020	Starting Out with Python 4/E	Tony Gaddis	978-0-13- 444432-1	required
CGS 4406	Object Oriented Programming in C++				
no longer offered					
CIS					
Number	Course Title	Book Title	Author(s)	ISBN	Required/ Optional
CIS 3250	Ethics in Computer Science				
	approved 2019	Ethics in Information Technology 6/E	Reynolds	978- 1337405874	required
	used fall 2019	Gift of Fire 5/E	Baase and Henry	978-0-13- 4615271	required
	used summer 2019	Cyberethics: Morality and Law in Cyberspace 6/E	Spinello	978- 1284184068	required
CIS 3931r					Intermediate Topics in Computer Science
text, if any, varies with topics					
CIS 3943r	Internship in Computer Science				
no textbook					
CIS 3949r	Cooperative Education Work Experience				
no textbook					
CIS 4360	Introduction to Computer Security				

	used fall 2005	Computer Security	D. Gollman	0-471-97844-2	required
	used fall 2006	Modern Cryptography: Theory and Practice	W. Mao	0-13-066943-1	required
		Information Security Best Practices w/CD	Stafanek	9781878707963	required
CIS 4361	Applied Computer Security				
CNT 4406	Network Security				
	used spring 2007	Network Security: Private Communication in a Public World, 2/E	C. Kaufman, R. Perlman, M. Speciner	0-13-046019-2	
	approved Nov 2006	Cryptography and Network Security, 4/E	Stallings	0-13-187316-4	
	used spring 2006	Network Security Essentials, 2/E	Stallings	0-13-035128-8	
CIS 4407	Computer and Network System Administration				
	used fall 2006	Linux Administration Handbook	E. Nemeth, G. Snyder, T. R. Hein	0-13-008466-2	required first of 2
	used fall 2006	Mastering Windows Server 2003	M. Minasi, C. Anderson, M. Beveridge, C.A. Callahan, L. Justice	0-7821-4130-7	required first of 2
CIS 4521	Secure Parallel and Distributed Computing with Python				
	approved 2019	Python in a Nutshell 3/E	Martelli	978- 1449392925	
	approved 2019	Network Security Essentials: Applications and Standards 6/E	Stallings	978- 0134527338	
CIS 4900r	Directed Individual Study				
	no textbook				
CIS 4930r	Special Topics in Computer Science				
	textbook, if any, varies with topic				
CIS 4933r	Honors Work				
	no textbook				

COP					
Number	Course Title	Book Title	Author(s)	ISBN	Required/Optional
COP 2721	Introduction to Database Systems and Internet Services				
not offered recently					
COP 3014	Programming I				
	approved Oct 2007	C++: How to Program, 6/E	Deitel <i>et al.</i>	978-0-136152-50-7	required first of 2
	approved Nov 2006 used spring 2007	Programming and Problem Solving with C++, 4/E	C. Weems, N. Dale, M. R. Headington	0-7637-0798-8	required first of 2
	approved Nov 2006 used spring 2007	C++ Debugging Guide	A. Ford, T. Teorey, G. Tyson	0-536-98765-3	required second of 2
	Used fall 2020	Starting out with C++: Control Structures through Objects 9/E	T. Gaddis	978-0-13-449837-9	required
COP 3252	Advanced Programming with Java				
	Used fall 2020	Java: How to Program 11/E	Deitel	978-0-13-474335-6	required
COP 3330	Object Oriented Programming				
	approved Feb 2007	Absolute C++ 6/E	Savitch and Mock	978-0-13-3970784	
	approved March 2006 used fall 2006	C++ Primer 4/E	S.B. Lippman, J. Lajoie, B.E. Moo	0201721481	
	approved Feb 2005 used spring 2007 used fall 2006	Starting Out with C++ 5/E	Tony Gaddis	0321409396	
	used spring 2007? used spring 2006	C++: How to Program 5/E (w/cd)	H. Deitel, P. Deitel	0-13-185757-6	required

	used fall 2005				
COP 3353	Introduction to UNIX				
	used fall 2019, approved March 2012	Unix and Linux: Visual Quickstart Guide 5/E	Deborah S. Ray and Eric J. Ray	978- 0321997548	recommended
	used spring 2007 used fall 2006	Just Enough Unix	P.K. Andersen	0-07-295297-0	recommended
	used spring 2007 used fall 2006	Learning the Unix Operating System	G. Todino- Gonquet, J. Strang, D. Dongherty	0-937175-16-1	required
COP 3363	Introduction to Programming in C++ for Majors				
	used fall 2020	Starting out with C++: Control Structures through Objects 9/E	T. Gaddis	978-0-13- 449837-9	required
COP 3502	Introduction to Computer Science				
	used fall 2006 used summer 2006 used spring 2006 used fall 2005	Ethics for the Information Age	M. J. Quinn	0-321-37526-2	required first of 2
	used fall 2006 used summer 2006 used spring 2006 used fall 2005	Analytical Engine: Intro	Decker	0-534-39159-1	required second of 2
COP 4020	Programming Languages				
	used fall 2006	Programming Language Pragmatics	Scott	0-12-633951-1	required

	used fall 2005	Programming Language Pragmatics	Scott	1-55860-442-1	required
COP 4342	Unix Tools				
	Used fall 2020	A practical guide to Linux Commands, Editors, and Shell Programming	Mark G. Sobell	9780133085044	required
	used fall 2006 used spring 2006	Unix Power Tools, 3rd update	Powers	0-596-00330-7	required
	used fall 2006	Learning Perl	Schwartz	0-596-10105-8	required
COP 4530	Data Structures, Algorithms and Generic Programming				
	approved March 2012	Algorithms in C++	Robert Sedgewick	978- 0201350883	?
	used fall 2020 used spring 2007 used fall 2006	Data Structures and Algorithm Analysis in C++	Weiss	978-0321441- 46-1	required
	used prior to fall 2006	Data Structures with C++	Ford, Topp	0-13-085850-1	required
	used fall 2004 used fall 2005	Data Structures & Algorithms	Drozdek	0-534-49182-0	required
COP 4531	Complexity and Analysis of Data Structures and Algorithms				
	used fall 2020 used spring 2007 used fall 2006 used fall 2005	Introduction to Algorithms 3/E	Cormen et al.	978- 0262033848	required
	used spring 2006	G Algorithm Design	Kleinberg	0-321-29535-8	required
COP 4610	Operating Systems and Concurrent Programming				

	used fall 2020	Operating System Concepts	Silberschatz	978-1-119- 29967-7	required
COP 4613	Real-Time Systems				
COP 4710	Theory and Structure of Databases				
	Used fall 2020	Database Systems: The Complete Book	Garcia-Molina, Ullman, Widom	978-0-13- 1873254	required
	used spring 2007	Database Systems Complete	Kifer	0-321-26845-8	required
	used spring-fall 2008, PC spring 2009	Database Management Systems, 3rd E	R. Ramakrishnan, J. Ghenke	A00-07- 246563-8	required
COP 4813	Web Applications Programming				
	Used fall 2020	Guide to Web Development with Java: Understanding Website Creation 2012	Tim Downey	1447124421	required
COT					
Number	Course Title	Book Title	Author(s)	ISBN	Required/ Optional
COT 4420	Theory of Computation				
	used spring 2007 used spring 2006	Introduction to Computer Theory	Cohen	0-471-13772-3	required
	used fall 2020 used fall 2005	An Introduction to Formal Languages and Automata 6/E	Linz	978- 1284077247	required
COT 4425	Formal Methods in Software Engineering				
	used spring 2007	Using Z	Woodcock	0-13-948472-8	required

Last File Update: AFTyson 9/28/2020