

COSC052 Computer Science II - Spring 2014 - Section 2

Course Schedule

Required Text: Starting Out With C++ Early Objects, Tony Gaddis, Judy Walters, and Godfrey Muganda

Optional Reference: C++ Primer Plus, Prata

Week	Date	Topic	Chapters	Lecture#	Homework / Projects*	Day	Date	
	7-Jan				----	Tuesday	7-Jan	
Week 1	9-Jan	Information Hiding	Section 7.11	1		Thursday	9-Jan	
	14-Jan			2	HW0 Due	Tuesday	14-Jan	
Week 2	16-Jan	Pointers (review), Object Oriented Design / Programming (review)	Gaddis: Appendix D, Chapters 7, 11, 16	3	P1 Assigned	Thursday	16-Jan	
	21-Jan	Operator Overloading (review)		4		Tuesday	21-Jan	
Week 3	23-Jan	UML Diagrams		5		Thursday	23-Jan	
	28-Jan	Composition, Inheritance		6		Tuesday	28-Jan	
Week 4	30-Jan	Exception Handling		7	P1 Due	Thursday	30-Jan	
	4-Feb			8	P2 Assigned	Tuesday	4-Feb	
Week 5	6-Feb	Exam #1			9		Thursday	6-Feb
	11-Feb				10		Tuesday	11-Feb
Week 6	13-Feb	Function Templates, Class Templates	Gaddis: Chapters 10, 12, 14, 16, 17	11		Thursday	13-Feb	
	18-Feb	Linked Lists, Self-referential classes, Linked List Operations		12	P2 Due	Tuesday	18-Feb	
Week 7	20-Feb	Recursion, Recursive Linked List Operations		13	P3 Assigned	Thursday	20-Feb	
	25-Feb	String Streams		14		Tuesday	25-Feb	
Week 8	27-Feb	Date / Time Functions		15		Thursday	27-Feb	
	4-Mar			16		Tuesday	4-Mar	
Week 9	6-Mar			17	P3 Due	Thursday	6-Mar	
	11-Mar	<i>Spring Break</i>			----	----	Tuesday	11-Mar
Week 10	13-Mar					Thursday	13-Mar	
	18-Mar	Virtual Functions, Abstract Classes, Polymorphism	Chapter 15	18	P4 Assigned	Tuesday	18-Mar	
Week 11	20-Mar	Exam #2		19		Thursday	20-Mar	
	25-Mar			20		Tuesday	25-Mar	
Week 12	27-Mar	Virtual Functions, Abstract Classes, Polymorphism	Gaddis: Chapters 9, 15, 19, Supplemental Reading TBD	21		Thursday	27-Mar	
	1-Apr	Stacks and Queues		22	P4 Due	Tuesday	1-Apr	
Week 13	3-Apr	Searching and Sorting Algorithms		23	P5 Assigned	Thursday	3-Apr	
	8-Apr	Algorithm Analysis, Asymptotic Notation		24		Tuesday	8-Apr	
Week 14	10-Apr	Binary Trees, Graphs		25		Thursday	10-Apr	
	15-Apr			26		Tuesday	15-Apr	
Week 15	17-Apr	<i>Easter Break</i>		----	----	Thursday	17-Apr	
	22-Apr	Standard Template Library, Other (TBD)	Chapter 16	27	P5 Due	Tuesday	22-Apr	
Week 16	24-Apr			28		Thursday	24-Apr	
	29-Apr	<i>Study Days</i>				Tuesday	29-Apr	
<i>Study Days</i>	30-Apr	<i>Study Days</i>	----	----	<i>Study Days</i>	Wednesday	30-Apr	
	1-May					Thursday	1-May	
	2-May	Exam Days				Friday	2-May	
<i>Exam Days</i>	3-May					Saturday	3-May	
<i>Study Day</i>	4-May	<i>Study Day</i>				Sunday	4-May	
	5-May	Exam #3 12:30 pm - 2:30 pm				Monday	5-May	
	6-May					Tuesday	6-May	
<i>Exam Days</i>	7-May					Wednesday	7-May	
	8-May	Exam Days	----	----	Exam Days	Thursday	8-May	
	9-May					Friday	9-May	
	10-May					Saturday	10-May	

*Assignment due dates subject to change, official due dates will be announced and published when assignments are released