

**COSC-052 Computer Science II**

**Fall 2014 Course Schedule**

Required Text: Starting Out With C++ Early Objects 8th Edition, Tony Gaddis, Judy Walters, and Godfrey Muganda

Optional Reference: C++ Primer Plus, Prata

Week	Date	Topic	Chapters	Lecture#	Assignment Due Dates	Day	Date		
	25-Aug				----	Monday	25-Aug		
Week 1	27-Aug	Information Hiding		1		Wednesday	27-Aug		
	1-Sep	Labor Day Holiday		----	----	Monday	1-Sep		
Week 2	3-Sep	Pointers (review), Object Oriented Design / Programming (review) Operator Overloading (review) UML Diagrams Composition, Inheritance Exception Handling	Gaddis: Appendix F, Chapters 7, 10, 11, and 16	2	HW #0 Due	Wednesday	3-Sep		
	8-Sep			3	P1 Assigned	Monday	8-Sep		
Week 3	10-Sep			4		Wednesday	10-Sep		
	15-Sep			5		Monday	15-Sep		
Week 4	17-Sep			6		Wednesday	17-Sep		
	22-Sep			7	P1 Due	Monday	22-Sep		
Week 5	24-Sep			8	P2 Assigned	Wednesday	24-Sep		
	29-Sep			Exam #1		9		Monday	29-Sep
Week 6	1-Oct	String Streams, Function Templates, Class Templates	Gaddis: 16	10		Wednesday	1-Oct		
	6-Oct			11		Monday	6-Oct		
Week 7	8-Oct			12	P2 Due, P3 Assigned	Wednesday	8-Oct		
	13-Oct	Columbus Day Holiday		----	----	Monday	13-Oct		
Week 8	15-Oct	Linked Lists, Self-referential classes, Linked List Operations Recursion, Recursive Linked List Operations Date / Time Functions	Gaddis: Chapters 10, 12, 14, 17	13		Wednesday	15-Oct		
	20-Oct			14		Monday	20-Oct		
Week 9	22-Oct			15		Wednesday	22-Oct		
	27-Oct			16		Monday	27-Oct		
Week 10	29-Oct			17	P3 Due	Wednesday	29-Oct		
	3-Nov	18	P4 Assigned	Monday	3-Nov				
Week 11	5-Nov	Exam #2		19		Wednesday	5-Nov		
	10-Nov	Virtual Functions, Abstract Classes, Polymorphism Stacks and Queues Searching and Sorting Algorithms Algorithm Analysis, Asymptotic Notation Binary Trees, Graphs	Gaddis: Chapters 9, 15, 19, Supplemental Reading TBD	20		Monday	10-Nov		
Week 12	12-Nov			21		Wednesday	12-Nov		
	17-Nov			22	P4 Due	Monday	17-Nov		
Week 13	19-Nov			23	P5 Assigned	Wednesday	19-Nov		
	24-Nov			24		Monday	24-Nov		
Week 14	26-Nov			25		Wednesday	26-Nov		
	1-Dec			26		Monday	1-Dec		
Week 15	3-Dec	27	P5 Due	Wednesday	3-Dec				
Study Days	6-Dec	December 6th - December 9th Study Days	Study Days	----	----	Saturday	6-Dec		
	7-Dec			----	----	Sunday	7-Dec		
	8-Dec			----	----	Monday	8-Dec		
	9-Dec			----	----	Tuesday	9-Dec		
Exam Days	10-Dec	December 10th - December 18th Final Exams	Exam Days	----	----	Wednesday	10-Dec		
	11-Dec			----	----	Thursday	11-Dec		
	12-Dec			----	----	Friday	12-Dec		
	13-Dec			----	----	Saturday	13-Dec		
	14-Dec			----	----	Sunday	14-Dec		
	15-Dec			----	----	Monday	15-Dec		
	16-Dec			Section 2 Final Exam 12:30 pm - 2:30 pm				Tuesday	16-Dec
	17-Dec			Section 1 Final Exam 4:00 pm - 6:00 pm				Wednesday	17-Dec
	18-Dec			----	----	Thursday	18-Dec		