

**COSC-052 Computer Science II**

**Summer 2013 Course Schedule**

Required Text: Starting Out With C++ Early Objects, Gaddis, Walters, Muganda

Recommended Text: C++ Primer Plus, Prata

Week	Date	Topic	Chapters	Lecture#	Projects	Day	Date
Week 1	8-Jul	Inheritance, Composition, Pointers, Classes, Virtual Functions, Abstract Classes, Operator Overloading, Templates, Exception Handling	<i>Gaddis: Chapters 7, 10, 11, 15, 16</i>	1	Project #1 Assigned	Monday	8-Jul
	9-Jul			2		Tuesday	9-Jul
	10-Jul			3		Wednesday	10-Jul
	11-Jul			4		Thursday	11-Jul
	15-Jul			5	Project #1 Due, Project #2 Assigned	Monday	15-Jul
Week 2	16-Jul			6		Tuesday	16-Jul
	17-Jul	Exam #1		7		Wednesday	17-Jul
	18-Jul			8		Thursday	18-Jul
Week 3	22-Jul	Recursion, Linked Lists, Stacks, Queues, Searching, Sorting	<i>Gaddis: Chapters 9, 14, 17, 18</i>	9	Project #2 Due, Project #3 Assigned	Monday	22-Jul
	23-Jul			10		Tuesday	23-Jul
	24-Jul			11		Wednesday	24-Jul
	25-Jul			12		Thursday	25-Jul
Week 4	29-Jul			13	Project #3 Due, Project #4 Assigned	Monday	29-Jul
	30-Jul	Exam #2		14		Tuesday	30-Jul
	31-Jul			15		Wednesday	31-Jul
Week 5	1-Aug	Algorithm Analysis, Asymptotic Notation, Binary Trees, Graphs, Standard Template Library	<i>Gaddis: Chapters 9, 19, Supplemental Reading TBD</i>	16		Thursday	1-Aug
	5-Aug			17	Project #4 Due	Monday	5-Aug
	6-Aug			18		Tuesday	6-Aug
	7-Aug			19		Wednesday	7-Aug
	8-Aug			Exam #3		20	