

**COSC-052 Computer Science II**

**Summer 2014 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	7-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	7-Jul
	8-Jul			2		Tuesday	8-Jul
	9-Jul			3		Wednesday	9-Jul
	10-Jul			4		Thursday	10-Jul
Week 2	14-Jul	Exam #1		5	Project #1 Due, Project #2 Assigned	Monday	14-Jul
	15-Jul			6		Tuesday	15-Jul
	16-Jul			7		Wednesday	16-Jul
Week 3	17-Jul	Recursion, Linked Lists, Stacks, Queues, Searching, Sorting	<i>Gaddis: Chapters 9, 14, 17, 18</i>	8		Thursday	17-Jul
	21-Jul			9	Project #2 Due, Project #3 Assigned	Monday	21-Jul
	22-Jul			10		Tuesday	22-Jul
	23-Jul			11		Wednesday	23-Jul
Week 4	24-Jul	Algorithm Analysis, Asymptotic Notation, Binary Trees, Graphs, Standard Template Library	<i>Gaddis: Chapters 9, 19, Supplemental Reading TBD</i>	12		Thursday	24-Jul
	28-Jul			13	Project #3 Due, Project #4 Assigned	Monday	28-Jul
	29-Jul			14		Tuesday	29-Jul
	30-Jul			15		Wednesday	30-Jul
Week 5	31-Jul	Exam #3		16		Thursday	31-Jul
	4-Aug			17	Project #4 Due	Monday	4-Aug
	5-Aug			18		Tuesday	5-Aug
	6-Aug			19		Wednesday	6-Aug
	7-Aug			20		Thursday	7-Aug