

COSC-052 Computer Science II

Summer 2015 Course Schedule

ICC 205B, Monday, Tuesday, Wednesday, Thursday, 3:15 pm - 5:15 pm

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

Recommended Text: C++ Primer Plus, Prata

Week	Date	Topic	Chapters	Lecture#	Assignments	Day	Date
Week 1	6-Jul	Pointers (review), Object Oriented Design / Programming (review), Operator Overloading (review), UML Diagrams, Composition, Inheritance, Exception Handling	<i>Gaddis: Appendix F, Chapters 7, 10, 11, and 16</i>	1	Project 1 Assigned	Monday	6-Jul
	7-Jul			2	HW0 Due	Tuesday	7-Jul
	8-Jul			3	HW1 Due, HW2 Due	Wednesday	8-Jul
	9-Jul			4	HW3 Due	Thursday	9-Jul
	13-Jul			5	Project 1 Due, Project 2 Assigned	Monday	13-Jul
Week 2	14-Jul	Exam #1		6	HW4 Due	Tuesday	14-Jul
	15-Jul			7	Exam 1	Wednesday	15-Jul
	16-Jul			8	HW5 Due	Thursday	16-Jul
Week 3	20-Jul	Function Templates, Class Templates, Linked Lists, Self-referential classes, Linked List Operations, Recursion, Recursive Linked List Operations, String Streams, Date / Time Functions, Virtual Functions, Abstract Classes, Polymorphism	<i>Gaddis: Chapters 10, 12, 14, 15, 16, 17, 18</i>	9	Project 2 Due, Project 3 Assigned	Monday	20-Jul
	21-Jul			10	HW6 Due	Tuesday	21-Jul
	22-Jul			11	HW7 Due	Wednesday	22-Jul
	23-Jul			12		Thursday	23-Jul
	27-Jul			13	Exam 2	Monday	27-Jul
Week 4	28-Jul	Iterators, Stacks and Queues, Searching and Sorting Algorithms, Algorithm Analysis, Asymptotic Notation, Standard Template Library, Other (TBD)	<i>Gaddis: Chapters 9, 15, 16</i> Supplemental Reading TBD	14	Project 3 Due, Project 4 Assigned	Tuesday	28-Jul
	29-Jul			15	HW8 Due	Wednesday	29-Jul
	30-Jul			16	HW9 Due	Thursday	30-Jul
	3-Aug			17	HW10 Due	Monday	3-Aug
	4-Aug			18	Project 4 Due	Tuesday	4-Aug
Week 5	5-Aug	Exam #3		19	HW11 Due	Wednesday	5-Aug
	6-Aug			20	Exam 3	Thursday	6-Aug