

COSC-051 Computer Science I

Summer 2014 Course Schedule

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

Recommended Text: C++ Primer Plus, Prata

Week	Date	Topic	Chapters	Lecture#	Projects	Day	Date
Week 1	7-Jul	C++ Language	<i>Gaddis:</i> <i>Chapter 1</i> <i>Chapter 2</i> <i>Chapter 3</i>	1	Project #1 Assigned	Monday	7-Jul
	8-Jul	Basic Elements, Basic Data Types, Basic strings		2		Tuesday	8-Jul
	9-Jul	Simple I/O		3		Wednesday	9-Jul
	10-Jul	C++ Operators, Operator Precedence		4	Project #1a Due	Thursday	10-Jul
Week 2	14-Jul	Control Structures I (Selection)	<i>Chapter 3</i> <i>Chapter 4</i>	5	Project #1b Due, Project #2 Assigned	Monday	14-Jul
	15-Jul	Control Structures II (Repetition)		6		Tuesday	15-Jul
	16-Jul	Arrays, C-Strings		7		Wednesday	16-Jul
	17-Jul	Void Functions, Value-returning Functions		8	Project #2 Due, Project #3 Assigned	Thursday	17-Jul
Week 3	21-Jul	Variable Scope	<i>Chapter 6</i> <i>Chapter 7</i>	9		Monday	21-Jul
	22-Jul	Mid-term Exam		10		Tuesday	22-Jul
	23-Jul			11		Wednesday	23-Jul
	24-Jul	Classes		12		Thursday	24-Jul
Week 4	28-Jul	Constructors/Destructors, Default Arguments	Gaddis: Chapter 7 Chapter 8 Chapter 10 Chapter 11	13	Project #3 Due, Project #4 Assigned	Monday	28-Jul
	29-Jul	Object Oriented Design/Programming		14		Tuesday	29-Jul
	30-Jul	Vectors		15		Wednesday	30-Jul
	31-Jul			16		Thursday	31-Jul
Week 5	4-Aug	Pointers, Linked Lists	Chapter 8 Chapter 9 Chapter 12	17	Project #4 Due	Monday	4-Aug
	5-Aug	Intro to Data Structures and Algorithms		18		Tuesday	5-Aug
	6-Aug	Other (TBD)		19		Wednesday	6-Aug
Week 5	7-Aug	Final Exam		20		Thursday	7-Aug