

COSC-051 Computer Science I

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	C++ Language	<i>Gaddis:</i> <i>Chapter 1</i> <i>Chapter 2</i> <i>Chapter 3</i> <i>Chapter 4</i>	1	Project #1 Assigned	Monday	8-Jul
	9-Jul	Basic Elements, Basic Data Types, Basic strings Simple I/O		2		Tuesday	9-Jul
	10-Jul			3		Wednesday	10-Jul
	11-Jul	C++ Operators, Operator Precedence		4	Project #1a Due	Thursday	11-Jul
Week 2	15-Jul	Control Structures I (Selection)	<i>Chapter 5</i> <i>Chapter 6</i> <i>Chapter 7</i>	5	Project #1b Due, Project #2 Assigned	Monday	15-Jul
	16-Jul			6		Tuesday	16-Jul
	17-Jul	Control Structures II (Repetition)		7		Wednesday	17-Jul
	18-Jul	Arrays, C-Strings		8		Thursday	18-Jul
Week 3	22-Jul	Void Functions, Value-returning Functions Variable Scope	<i>Chapter 7</i>	9	Project #2 Due, Project #3 Assigned	Monday	22-Jul
	23-Jul			10		Tuesday	23-Jul
	24-Jul	Mid-term Exam		11		Wednesday	24-Jul
	25-Jul	Classes		12		Thursday	25-Jul
Week 4	29-Jul	Constructors/Destructors, Default Arguments Object Oriented Design/Programming Vectors	Gaddis: Chapter 7 Chapter 8 Chapter 10 Chapter 11	13	Project #3 Due, Project #4 Assigned	Monday	29-Jul
	30-Jul			14		Tuesday	30-Jul
	31-Jul			15		Wednesday	31-Jul
	1-Aug			16		Thursday	1-Aug
Week 5	5-Aug	Pointers, Linked Lists	Chapter 8 Chapter 9 Chapter 12	17	Project #4 Due	Monday	5-Aug
	6-Aug	Intro to Data Structures and Algorithms		18		Tuesday	6-Aug
	7-Aug	Other (TBD)		19		Wednesday	7-Aug
	8-Aug	Final Exam		20		Thursday	8-Aug