

**COSC-051 Computer Science I**

**Fall 2013 Course Schedule**

Required Text: Starting Out With C++ Early Objects, Tony Gaddis, Judy Walters, and Godfrey Muganda

Optional Reference: C++ Primer Plus, Prata

Week	Date	Topic	Chapters	Lecture#	Assignment Due Dates	Day	Date		
	26-Aug				----	Monday	26-Aug		
Week 1	28-Aug	Introduction to Computers and Programming		1		Wednesday	28-Aug		
	2-Sep	Labor Day Holiday		----	----	Monday	2-Sep		
Week 2	4-Sep	C++ Language Basic Elements, Basic Data Types, Basic strings Simple I/O C++ Operators, Operator Precedence Control Structures I (Selection) Control Structures II (Repetition) C-Strings, Arrays, Vectors Variable Scope	Gaddis: Chapter 1 Chapter 2 Chapter 3 Chapter 4 Chapter 5	2	Homework #0	Wednesday	4-Sep		
	9-Sep			3	Homework #1	Monday	9-Sep		
Week 3	11-Sep			4	Homework #2	Wednesday	11-Sep		
	16-Sep			5		Monday	16-Sep		
Week 4	18-Sep			6	Project #1 Design	Wednesday	18-Sep		
	23-Sep			7		Monday	23-Sep		
Week 5	25-Sep			8	Project #1 Code	Wednesday	25-Sep		
	30-Sep			9		Monday	30-Sep		
Week 6	2-Oct			10	Project #2 Design	Wednesday	2-Oct		
	7-Oct			11		Monday	7-Oct		
Week 7	9-Oct			12	Project #2 Code	Wednesday	9-Oct		
	14-Oct			Columbus Day Holiday		----	----	Monday	14-Oct
Week 8	16-Oct			Void Functions, Value-returning Functions	Chapter 6	13	Project #2 Testing & Commenting	Wednesday	16-Oct
	21-Oct					14		Monday	21-Oct
Week 9	23-Oct			Mid-Term Exam		15	Mid-Term Exam	Wednesday	23-Oct
	28-Oct	Object Oriented Design / Programming Classes Constructors / Destructors Constructors with parameters with default values Copy Constructors Operator Overloading Dynamic Arrays and Pointers Linked Lists Intro to Data Structures and Algorithms Other (TBD)	Gaddis: Chapter 7 Chapter 8 Chapter 9 Chapter 10 Chapter 11 Chapter 12 Other (TBD)	16		Monday	28-Oct		
Week 10	30-Oct			17		Wednesday	30-Oct		
	4-Nov			18	Project #3 Code	Monday	4-Nov		
Week 11	6-Nov			19		Wednesday	6-Nov		
	11-Nov			20	Project #3 Testing & Commenting	Monday	11-Nov		
Week 12	13-Nov			21		Wednesday	13-Nov		
	18-Nov			22	Project #4 Code	Monday	18-Nov		
Week 13	20-Nov			23		Wednesday	20-Nov		
	25-Nov			24	Project #4 Testing & Commenting	Monday	25-Nov		
Week 14	27-Nov			25		Wednesday	27-Nov		
	2-Dec			26		Monday	2-Dec		
Week 15	4-Dec			27	Project #5	Wednesday	4-Dec		
	7-Dec			December 7th - December 10th Study Days	Study Days	----	----	Saturday	7-Dec
Study Days	8-Dec					----	----	Sunday	8-Dec
	9-Dec					----	----	Monday	9-Dec
	10-Dec	----	----			Tuesday	10-Dec		
	11-Dec	Exams Begin		----	----	Wednesday	11-Dec		
	12-Dec	COSC - 051 Final Exam 4:00 pm - 6:00 pm				Thursday	12-Dec		
	13-Dec	December 11th - December 19th Final Exams	Exam Days			Friday	13-Dec		
	14-Dec			----	----	Saturday	14-Dec		
	15-Dec			----	----	Sunday	15-Dec		
Exam Days	16-Dec			----	----	Monday	16-Dec		
	17-Dec			----	----	Tuesday	17-Dec		
	18-Dec			----	----	Wednesday	18-Dec		
	19-Dec			----	----	Thursday	19-Dec		