

# COSC-051 Computer Science I

## Spring 2015 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		
	5-Jan				----	Monday	5-Jan		
Week 1	7-Jan	Introduction to Computers and Programming	Chapter 1	1		Wednesday	7-Jan		
	12-Jan	C++ Language, Basic Elements, Basic Data Types, Basic I/O Basic strings, C-strings Control Structures (Selection) Control Structures (Repetition) C++ Operators, Operator Precedence	Chapter 1 Chapter 2 Chapter 3 Chapter 4 Chapter 5	2	HW #0 Due	Monday	12-Jan		
Week 2	14-Jan			3	HW #1 Due (Friday 16th)	Wednesday	14-Jan		
	19-Jan			4	Holiday: Martin Luther King Day	Monday	19-Jan		
Week 3	21-Jan			5	HW #2 Due, P1 Assigned	Wednesday	21-Jan		
	26-Jan			6	HW #3 Due	Monday	26-Jan		
Week 4	28-Jan			7	P1 Design Due	Wednesday	28-Jan		
	2-Feb			8	HW #4 Due	Monday	2-Feb		
Week 5	4-Feb			9		Wednesday	4-Feb		
	9-Feb			Number Systems (Decimal, Binary, Octal, Hexadecimal) Void Functions Value-returning Functions File I/O Variable Scope	Chapter 5 Chapter 6 Chapter 13	10	P1 Code Due, P2 Assigned	Monday	9-Feb
Week 6	11-Feb					11	HW #5 Due	Wednesday	11-Feb
	16-Feb	12	Holiday: President's Day			Monday	16-Feb		
Week 7	18-Feb	13	P2 Design Due			Wednesday	18-Feb		
	23-Feb	14				Monday	23-Feb		
Week 8	25-Feb	15	HW #6 Due			Wednesday	25-Feb		
	2-Mar	16	P2 Code Due, P3 Assigned			Monday	2-Mar		
Week 9	4-Mar	<b>Mid-term Exam</b>				17		Wednesday	4-Mar
	9-Mar	Holiday: Spring Break				18	----	Monday	9-Mar
Week 10	11-Mar					19		Wednesday	11-Mar
	16-Mar	Arrays and Vectors Classes Constructors/Destructors, Default Arguments Operator Overloading Copy Constructor, Convert Constructor	Chapter 7 Chapter 8 Chapter 11	20		Monday	16-Mar		
Week 11	18-Mar			21	HW #7 Due	Wednesday	18-Mar		
	23-Mar			22	P3 Code Due, P4 Assigned	Monday	23-Mar		
Week 12	25-Mar			23		Wednesday	25-Mar		
	30-Mar			24	HW #8 Due	Monday	30-Mar		
Week 13	1-Apr			25	HW #9 Due	Wednesday	1-Apr		
	6-Apr			26	Holiday: Easter Break	Monday	6-Apr		
Week 14	8-Apr			27	P4 Code Due, P5 Assigned	Wednesday	8-Apr		
	13-Apr			Advanced Strings Pointers Linked Lists Introduction to Recursion, Recursive Linked List Operations	Chapter 10 Chapter 17 Chapters 14 Other TBD	28	HW #10 Due	Monday	13-Apr
Week 15	15-Apr					29		Wednesday	15-Apr
	20-Apr	30	HW #11 Due			Monday	20-Apr		
Week 16	22-Apr	31	P5 Code Due			Wednesday	22-Apr		
	27-Apr	1				Monday	27-Apr		
	28-Apr	Study Days				2		Tuesday	28-Apr
<i>Study Days</i>	29-Apr	Study Days				3	----	Wednesday	29-Apr
	30-Apr	Study Days				4		Thursday	30-Apr
	1-May	Exam Days				5		Friday	1-May
<b>Exam Days</b>	2-May	Exam Days				6	----	Saturday	2-May
<i>Study Day</i>	3-May	Study Day		7	----	Sunday	3-May		
	4-May	Final Exam 12:30pm - 2:30pm		8		Monday	4-May		
	5-May	Exam Days		9		Tuesday	5-May		
<b>Exam Days</b>	6-May		10		Wednesday	6-May			
	7-May		11		Thursday	7-May			
	8-May		12		Friday	8-May			
	9-May		13		Saturday	9-May			

*\*Course topics, exam dates, and other details listed in this schedule are subject to change. Notice of any changes will be provided in class.*