

COSC-051-02 Computer Science I

Fall 2014 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#	Projects	Day	Date
	26-Aug			----		Tuesday	26-Aug
Week 1	28-Aug	Introduction to Computers and Programming	Chapter 1	1		Thursday	28-Aug
Week 2	2-Sep	C++ Language, Basic Elements, Basic Data Types, Basic I/O	Chapter 1	2	HW #0 Due	Tuesday	2-Sep
	4-Sep			3	HW #1 Due	Thursday	4-Sep
Week 3	9-Sep	Basic strings, C-strings Control Structures (Selection)	Chapter 2 Chapter 3	4	HW #2 Due	Tuesday	9-Sep
	11-Sep			5		Thursday	11-Sep
Week 4	16-Sep	Control Structures (Repetition) C++ Operators, Operator Precedence	Chapter 4 Chapter 5	6		Tuesday	16-Sep
	18-Sep			7	P1 Design Due	Thursday	18-Sep
Week 5	23-Sep	Number Systems (Decimal, Binary, Octal, Hexadecimal) Void Functions	Chapter 5	8		Tuesday	23-Sep
	25-Sep			9	P1 Code Due	Thursday	25-Sep
Week 6	30-Sep	Value-returning Functions File I/O	Chapter 6 Chapter 13	10		Tuesday	30-Sep
	2-Oct			11	P2 Design Due	Thursday	2-Oct
Week 7	7-Oct	Variable Scope		12	P2 Code Due	Tuesday	7-Oct
	9-Oct			13		Thursday	9-Oct
	14-Oct	Mid-term Exam		14		Tuesday	14-Oct
Week 8	16-Oct			15		Thursday	16-Oct
Week 9	21-Oct	Arrays and Vectors Classes	Chapter 7 Chapter 8	16		Tuesday	21-Oct
	23-Oct			17	P3 Code Due	Thursday	23-Oct
Week 10	28-Oct	Constructors/Destructors, Default Arguments Operator Overloading	Chapter 11	18		Tuesday	28-Oct
	30-Oct			19		Thursday	30-Oct
Week 11	4-Nov	Copy Constructor, Convert Constructor		20		Tuesday	4-Nov
	6-Nov			21		Thursday	6-Nov
Week 12	11-Nov	Advanced Strings Pointers	Chapter 10 Chapter 17	22	P4 Code Due	Tuesday	11-Nov
	13-Nov			23		Thursday	13-Nov
Week 13	18-Nov	Linked Lists	Other TBD	24		Tuesday	18-Nov
	20-Nov			25		Thursday	20-Nov
Week 14	25-Nov	Thanksgiving Holiday		26		Tuesday	25-Nov
	27-Nov			----		Thursday	27-Nov
Week 15	2-Dec	Introduction to Recursion, Recursive Linked List Operations	Chapters 14 & 17	27	P5 Code Due	Tuesday	2-Dec
	4-Dec			28		Thursday	4-Dec
Study Days	6-Dec	December 6th - December 9th Study Days	Study Days	----	----	Saturday	6-Dec
	7-Dec			----	----	Sunday	7-Dec
	8-Dec			----	----	Monday	8-Dec
	9-Dec			----	----	Tuesday	9-Dec
Exam Days	10-Dec	December 10th - December 18th Final Exams	Exam Days	----	----	Wednesday	10-Dec
	11-Dec			----	----	Thursday	11-Dec
	12-Dec			----	----	Friday	12-Dec
	13-Dec			----	----	Saturday	13-Dec
	14-Dec	December 10th - December 18th Final Exams	Exam Days	----	----	Sunday	14-Dec
	15-Dec			----	----	Monday	15-Dec
	16-Dec			----	----	Tuesday	16-Dec
	17-Dec			----	----	Wednesday	17-Dec
18-Dec	----	----	Thursday	18-Dec			