

# CS 115 Introduction to Computer Programming

Fall Semester 2015

## Course Schedule

Week	Topic	Reading	Exercises
1	Syllabus Introduction to Computers	Chapter 1	Quiz 1 Self-introduction by 1/15
2	Designing a program	Chapter 2 sections 2.1-4	MyProgrammingLab Hw 1 - 1/22
3	Input, Processing, & Output	Chapter 2 sections 2.5-8	Quiz 2 on chapter 1 - 1/25 MyProgrammingLab Hw 2 - 1/29
4	Decision structures: if statement	Chapter 3 sections 3.1-4	Test 1 on chapters 1 & 2 - 2/1 Programming project 1 - 2/5
5	Decision structures: Logical operators & Boolean Logic	Chapter 3 sections 3.5-6	Quiz 3 on chapter 3 - 2/8 MyProgrammingLab Hw 3 - 2/12
6	Repetition structures: intro, while, and for loops	Chapter 4 sections 4.1-3	MyProgrammingLab Hw 4 - 2/19
7	Repetition structures: running total, sentinel, validation, nesting	Chapter 4 sections 4.4-7	Quiz 4 on chapter 4 - 2/22
8	Functions: definition, parameters, scope	Chapter 5 sections 5.1-6	Test 2 on chapters 3 & 4 - 2/29 Programming project 2 - 3/4
9	Functions: value returning built-in & programmer defined	Chapter 5 sections 5.7-10	
10	S P R I N G   B R E A K		3/12 - 3/18
11	Lists: defining and operations	Chapter 7 sections 7.1-5	Quiz 5 on chapter 5 - 3/21 MyProgrammingLab Hw 5 - 3/25
12	Lists: copying, processing, 2-dim, tuples	Chapter 7 sections 7.6-9	MyProgrammingLab Hw 6 - 4/1
13	Strings: operations	Chapter 8 sections 8.1-2	Quiz 6 on chapter 7 - 4/4 Programming project 3 - 4/8
14	Strings: search and manipulation	Chapter 8 sections 8.3	Test 3 on chapters 5 & 7 - 4/11
15	Classes	Chapter 10 Sections 10.1-3	Quiz 7 on chapter 8 - 4/18 MyProgrammingLab Hw 7 - 4/22
16	Review	Ch. 1,2,3,4,5,7,8,10	Quiz 8 on chapter 10 - 4/25 Programming project 4 - 4/29
17			Comprehensive final - 5/2-3