

Week	Chapter	Textbook Reading	Activities
1 Sep 4	Chapter 1: Introduction to Computers and Basics	Section 1 Appendix B	Review "Preparation of Assignments"
2 Sep 11	Chapter 2: Controls and Events	Sections 2.1-2.3 Appendix D	Exercise 2.2 (5, 6, 9, 16, 17, 26, 29, 34) Exercise 2.3 (7-10, 11, 13, 15, 33, 38)
3 Sep 18	Chapter 3: Variables, Input, and Output	Sections 3.1-3.3	Exercise 3.1 (1-22, 29, 31, 39-44) Exercise 3.2 (5, 7, 15, 19, 23, 27-32, 40, 43) Exercise 3.3 (3, 9, 31, 41, 51, 55, 65)
4 Sep 25	Chapter 4: Decisions	Sections 4.1-4.3	Exercise 4.1 (13-20, 27-29, 35, 53) Exercise 4.2 (13-20, 23, 29, 38) Exercise 4.3 (9-16, 24, 25, 29, 31) Assignment 1 due
5 Oct 2	Chapter 5: General Procedures	Sections 5.1-5.5	Exercise 5.1 (5, 11, 15, 17) Exercise 5.2 (5, 17, 20, 23, 31) Exercise 5.3 (11, 12, 11, 12)
6 Oct 9	Chapter 6: Repetition	Sections 6.1-6.4	Exercise 6.1 (4, 7-11, 25, 27, 28-29) Exercise 6.2 (2-3, 9, 17, 20, 25, 35) Exercise 6.3 (6-9, 18-19, 24, 29) Assignment 2 due
7 Oct 16	Midterm exam		
8 Oct 23	Chapter 7: Arrays	Sections 7.1-7.6	Exercise 7.1 (13-15, 21, 27, 30, 33, 38, 39) Exercise 7.2 (9-11, 25) Exercise 7.3 (9-11, 14) Exercise 7.4 (8, 13, 17) Exercise 7.5 (11-14)
9 Oct 30	Chapter 8: Sequential Files	Sections 8.1-8.3	Exercise 8.1 (1, 3, 7, 13-16) Exercise 8.2 (12, 15, 18, 21) Assignment 3 due
10 Nov 6	Chapter 9: Additional Controls and Objects	Sections 9.1-9.4	Exercise 9.1 (9-15) Exercise 9.3 (4) Exercise 9.4 (1-4, 9, 10)
11 Nov 13	Chapters 10: Database Management	Sections 10.1-10.2	Exercise 10.1 (1-7) Exercise 10.2 (1-12) Assignment 4 due
12 Nov 20	Chapters 11: Object-Oriented Programming	Sections 11.1-11.3	Exercise 11.1 (1-4, 8-14, 23) Exercise 11.2 (1-5) Exercise 11.3 (4-10)
13 Nov 27	Chapter 12: Programming for the Web Review	Section 12	Exercise 12.1 (2, 4, 18) Exercise 12.2 (8, 12) Exercise 12.3 (2, 12) Assignment 5 due
			Final exam

CMPT 110 (D100) Programming in Visual Basic

Semester: Fall 2012

Class Hours:

Tuesday: 10:30am-11:20am @ AQ 3005

Thursday: 9:30am-11:20am @ C 9000

Instructor: Richard Frank, PhD

Instructor's Email: rfrank@sfu.ca

Office: TASC1 9025

Office Hours: Tuesday 9:30am-10:20am

Calendar Objective/Description:

Topics will include user interfaces, objects, event-driven programming, program design, and file and data management.

Instructor's Objectives:

Introduction to programming in the event-driven paradigm using the Visual Basic language. Forms, controls, events, menus, objects; subprograms, modular design; decisions and repetition; file and data management; special features. This is an entry-level course, not a developer's seminar.

Prerequisites:

BC mathematics 12 (or equivalent) or any 100 level MATH course. Students who have obtained credit for, or are currently enrolled in a computing science course at the 200 level or higher, or ITEC 240, 241 or 242 may not take CMPT 110 for further credit except with permission of the School of Computing Science. Quantitative.

Topics:

- Introduction to Computers and Visual Basic
- Problem Solving
- Fundamentals of Programming in Visual Basic
- Procedures
- Control
- Arrays
- File and Data Management
- Modules
- Special Features of Visual Basic

Grading:

Assignments 30%, Midterm exam 30%, Final exam 40%.

Required Books:

1: An Introduction to Programming Using Visual Basic 2010, (w/VS2010 DVD), 8/E, D.I. Schneider, Prentice-Hall, 2010: Text comes with DVD to install VB at home

Academic Honesty Statement:

Academic honesty plays a key role in our efforts to maintain a high standard of academic excellence and integrity. Students are advised that ALL acts of intellectual dishonesty will be handled in accordance with the SFU Academic Honesty and Student Conduct Policies (<http://www.sfu.ca/policies/Students/index.html>). Students are also encouraged to read the School's policy information page (<http://www.cs.sfu.ca/undergrad/Policies/>).