

**THREE RIVERS COMMUNITY COLLEGE
COURSE SYLLABUS**

Intro to Visual Basic
Prof. George Volkov

CSC K207
Spring 2010

Text: Programming in Visual Basic 2008
By Julia Case Bradley and Anita C. Millspaugh

TOPIC/CONTENT

- Week 1: Topics: Introduction to Visual Basic 2008
Reading assign.: Chapter 1, pages 1 - 62 and chapter 2, pages 67 - 102
HW problems: Page 63, #1.3 and page 65, Case Study "Video Bonanza"
- Week 2: Topics: User Interface Design
Reading assign.: Chapter 3, pages 109 - 153
HW problems: Pages 103 - 106, # 2.2, and #2.5, page 107, Case Study "Video Bonanza"
- Week 3: Topics: Variables, Constants and Calculations
Reading assign.: Chapter 4, pages 159 - 206
HW problems: Pages 155 - 157, #3.5 and 3.8, page 158, Case Study "Video Bonanza"
- Week 4: Topics: Decisions and Conditions
Reading assign.: Chapter 5, pages 213 - 247
HW problems: Pages 207 - 208, #4.6 and 4.8, page 210, Case Study "Video Bonanza"
- Week 5: Topics: Menus, Common Dialog Boxes, Sub Procedures and Functions
Reading assign.: Chapter 6, pages 254 - 283
HW problems: Pages 249 - 250, #5.3 and 5.5, page 252, Case Study "Video Bonanza"
- Week 6: Topics: Multiform Projects
Reading assign.: Chapter 7, pages 287 - 323
HW problems: Page 284, #6.4
- Week 7: Topics: Lists, Loops and Printing
Reading assign.: Chapter 8, pages 330 - 355
HW problems: Pages 324 - 328, #7.1 and Case Study "Video Bonanza"
- Week 8: Topics: Midterm Exam

- Week 9: Topics: More on Loops Array Applications, Intro to Structures
Reading assign.: None
HW problems: Pages 357 - 358, #8.4 and 8.6
- Week 10: Topics: Data Files and Use of Files
Reading assign.: Chapter 11, pages 440 - 466
HW problems: Special Problem #1
- Week 11: Topics: Graphics and Applications
Reading assign.: Chapter 13, pages 526 - 534
HW problems: Pages 466 - 467, #11.1 and 11.4
- Week 12: Topics: Sound and Animation
Reading assign.: Chapter 13, pages 534 - 545
HW problems: Special Problem #2
- Week 13: Topics: Advanced Visual Basic Topics
Reading assign.: Chapter 14, pages 562 - 581
HW problems: Special Problem #3
- Week 14: Topics: Intro to Databases and Visual Basic Interfaces
Reading assign.: Chapter 10, pages 402 - 430
HW problems: Project Work
- Week 15: Topics: Final Exam
Reading assign.: None
HW problems: Project Review and Comment