

**THREE RIVERS COMMUNITY COLLEGE
COURSE OUTLINE**

Course Number/Title: CSC K208	Advanced Visual Basic
Prof. George Volkov	Fall 2009
Phone: 860-885-2384	e-mail: gvolkov@trcc.commnet.edu

Lecture: 3 hrs Laboratory: 2 hrs Credits: 4 hrs Contact: 5 hrs

Course Description: This course is designed to provide the student with object oriented programming using Visual Basic.NET to create Windows applications, console applications, web applications, and web services. Topics include inheritance, polymorphism, graphics, exception handling, multithreading, file I/O, database access, ASP.NET, web forms, web controls, and networking.

Method: Lecture and Lab using the PCs.

Text: Advanced Programming Using Visual Basic 2008 by Julia C. Bradley and Anita C. Millspaugh, ISBN # 978-0-07-351722-3
Other Reference sources

Prerequisite: CSC K207 – Intro to Programming and General College Math

TENTATIVE COURSE TOPICS/CONTENT

Review material from CSC K207

Structures Plus

Object Oriented Programming

Multiprogramming (Multitasking)

Advanced Graphics Concepts

Web Forms, Controls and Services

Other Potential Topics:

Exception and Error Handling

Advanced String Manipulation

Files and Streams

Advanced Data Base Concepts

Data Structures and Collections