Lexington Community College **Course Syllabus** **Spring 2002**

Course: CIS148-250	**Title: Visual** Basic I	**Hours**: 3	**Prerequisite**: CIS110 & CIS120

LCC Division: Behavioral Sciences and Information Systems Technologies
Division Secretary: Ginger Porter, AT201, (859) 257-4872, ext. 4000, grport@pop.uky.edu

LCC Program: Computer Information Systems
Program Coordinator: Richard King, AT202B, (859) 257-4872, ext. 4014, newt@uky.edu

Instructor: Stan Schofer, AT201, (859) 257-4872, ext. 4000, sschofer@qx.net
Instructor's Web Page: http://www.cthefuture.com
Office hours: By appointment.

Course Description: Students design, code, test, and execute programs on this level I programming language. Topics also include menus, dialogue boxes, child window controls (push buttons, radio buttons), the graphical user interface, mouse input, fonts, and printing.

Course Objectives: Upon completing this course, the student can:

- Describe each of the steps in the systems development life cycle;
- Demonstrate a basic knowledge of Windows;
- Demonstrate an understanding of the object-oriented features of Windows;
- Code programs involving: a). Mouse input areas such as dialogue boxes, input controls, combo boxes, push buttons, and check buttons; b). Event procedures; c). Graphic controls and graphic methods, and d). File operations such as Save, Open, and Print.

Required Text: Programming with Microsoft Visual Basic 6.0, Enhanced Editions, Diane Zak, Course Technology, 2001. Publisher's Web Page: http://www.course.com/ (do a search for Zak's page on this site).

Software Used: Microsoft Visual Basic version 6.0 (Microsoft's Visual Basic home page).

Required Supplies: A box of 3.5" High-Density (HD) floppy diskettes (prefer pre-formatted IBM compatible).

Attendance Policy: Attendance is expected at all class meetings. If you are absent, it is your responsibility to contact a classmate and find out what you missed. You are responsible for staying current.

Late Work Policy: Handing the work in late is better than not handing it in at all, but since the rest of the class was diligent enough to get it in on time, I will not give full credit for late work. I will accept the assignment the next time the class meets with a 25% deduction.

Withdrawal Policy: If you wish to drop this class, you may do so without instructor signature up a date specified in the Academic Calendar in the Course Schedule Book. After that date, you must obtain the instructor's signature. That will not be a problem. I will sign drop slips for any student for any reason, and you don't even have to tell me the reason, up to the last day of classes.

Exam Policy: Traditional in-class exams will not be given in this course. Instead, take-home programming project assignments will be given with due dates throughout the term, with the last one due on the last day of class. These assignments will be meant to utilize and reinforce what is done in class. All class time will be used for demonstration and discussion of programming concepts.

Term Project Presentations: Students will be required to present their work on their Term Project in class. The Project assignment will provide enough variety that all students will not have done the same thing. Students will be required to present their programs in a 8-10 minute oral presentation in front of the class, using the computer overhead display and/or the dry-erase board. More details will be given later with the assignment.

Grading Scale:	
A	grade >= 90 %
B	90 > grade >= 80
C	80 > grade >= 70
D	70 > grade >= 60
F	grade < 60 %

Course Requirements and Grading Criteria:		
Grading Item	**Date Due**	**Points**
Programs - 5	TBA	10% each
Tests - 2	Final Exam Date	25% each
	Total	100%

Course Outline and Topics Covered:	
Date	**Topic for the Day**
Wednesday 1/9	Introduction, Course Overview, Chapter 1
week of 1/14	Complete Chapter 1 Discussion and Exercises
week of 1/21	Chapter 2 on Designing Applications
week of 1/28	Chapter 3 Discussion on Using Variables and Constants
week of 2/4	Chapter 4 Discussion on Selection Structures

week of 2/16	Chapter 5 on Repetition Structures
week of 3/4	Test 1
week of 3/18	Chapter 6 on Sequential Access Files and Menus
week of 3/25	Chapter 7 on Dialog Boxes and Error Trapping
week of 4/1	Chapter 8 on Random Access Files
week of 4/8	Chapter 9 on Database Access, DDE and OLE
week of 4/15	Begin Chapter 10 on Variable Arrays
Week of 4/22	Review
Final Exam	Thursday, May 2 at 7:30PM

Note: Reading of Chapters is expected before discussion of Chapter begins. Exercises from each Chapter will be due approximately one week after coverage of that chapter is complete.

Last day to drop a course without a grade - Wednesday, January 30
Last day to withdraw from a class and receive a grade of W – Friday, March 8
Spring Break – March 10-16