



Computer Technology Division

Course Syllabus for: COMT 11002

Visual Basic Programming

Fall 2012

Instructor: Joe Bolen

Course: **Visual Basic Programming – COMT 11002**
Fall 2012 / Tuscarawas / Call # 12307 / Section 800 / Room A220

Instructor: Joe Bolen

Work Phone: (330) 343-1753

E-Mail: JBolen@kent.edu

Fax: (413) 556-0739

Web Site: <http://www.personal.kent.edu/~jbohlen>

Office Hours: 1:00 – 2:00 PM on Mondays and Wednesdays;
3:30 – 4:30 PM on Tuesdays and Thursdays.
Other times by appointment.

Class/Lab Time: Mondays and Wednesdays / 2:15-3:30 PM

Course Objectives: Laboratory course in the Visual Basic .NET language. Introducing concepts of object-oriented, event-driven program design and implementation..

Prerequisite: MATH 11005 (Pre- or Coreq) or COMT faculty permission.

Texts Required: “Simply Visual Basic 2010: An App-Driven Approach (4th Edition)”
by Paul Deitel, Harvey Deitel & Abbey Deitel. \
ISBN-10: 0132990601
ISBN-13: 9780132990608
Publisher: Prentice Hall

Textbook Web Site:

<http://www.deitel.com/Books/VisualBasic/SimplyVisualBasic2010/tbid/3636/Default.aspx>

Supplemental Materials Required: Two or more USB flash drives with no less than 4GB capacity for class use exclusively. Flash drives **shall be clearly labeled with student's name**. A letter size plastic resealable envelope or a pocket folder with an envelope secured inside the front cover to hold the flash drive. Label envelope/folder with student's name.

Course Requirements: Students are expected to attend class regularly, be on time, and have all assignments prepared prior to class. You are expected to read materials ahead in order to get the most out of class discussion and lab work. Plan to invest approximately two hours of study and work outside the classroom for every hour spent within the classroom to do well in the course. Participation in classroom discussions may improve your final grade upward by half a letter grade.

Attendance Policy: Regular class attendance is necessary to gain the full benefit of the course. Students are expected to attend class regularly and **be on time** for each class. A record will be kept. **An excessive number of absences will be reflected in lowering your final grade.**

Classroom Policy:

- Set cell phones and pagers set to vibrate mode. Calls are to be taken in the hallway.
- No smoking, food or drink is permitted in the classroom.
- For teaching purposes, the computer security environment has been lowered. Therefore, students shall not copy from, paste to, interfere or alter other student's or staff's data or computer settings.
- Access to the Internet during class will be for supporting the class's educational purposes. No YouTube, Facebook or games like sites are acceptable during class time!
- Also, see **KSU Policy Register** at <http://www.kent.edu/policyreg/index.cfm>.

Grading Policy:

No assignments will be accepted more than one week late. **All assignments must be submitted on or before the Monday before Exam week.**

Four announced online examinations will be given. No make-up exams will be allowed without prior arrangements being made. Make-up exams must be taken when scheduled.

Make sure your name and exercise numbers appear in the upper-left corner. If an exercise has multiple sheets, then staple them together. Do not staple different assignments together. Disorganized assignments (pages out of order, mislabeled, unreadable, etc.) will receive zero points. If your assignment has multiple sheets, sequence them according to the order of the exercise. For VB projects, include the VB Evaluation Sheet.

Note: Assignments or lab/project's documentation are due at the beginning of class. Hard copy of documentation is normally required. If student is not able to attend class, please have your assignments or lab/project's documentation dropped off at the teacher's mailbox prior to class time.

Course Lab:

Required lab assignments will be assigned in advance. The lab assignments will represent approximately 50% of the total grade. However, **a student can receive a final grade no greater than a D if one fails to submit lab assignments for review that are at less than 75% complete.** Lab assignments are to be used for supplemental and reinforcement of textbook material. Not all labs will be required; however, if you wish to reinforce your learning, do lab projects associated with the textbook assignments. Lab work for extra credit, must be agreed upon with the instructor prior to performing the lab so that the student will know maximum points and due date of the work.

Exams:

The final grade is represented by approximately 50% from online exams based from textbook materials.

Grading Scale:

97 – 100	A+	(Currently, KSU does not allow A+ in system.)
93 – 96	A	
90 – 92	A-	
87 – 89	B+	
83 – 86	B	
80 – 82	B-	
77 – 79	C+	
73 – 76	C	
70 – 72	C-	
67 – 69	D+	
63 – 66	D	
Below 63	F	

Test Make-up Policy: Four online examinations will be given. **No make-up exams will be allowed without prior arrangements being made.** Make-up exams must be taken when scheduled.

To prepare for examinations, attend lecture and read the chapters. At least 90% of the questions are taken directly from the reading material. Review the end of chapter questions, Chapter Skill Summaries and Key Terms sections at the end of the chapters on which you are being tested.

If you are absent or late, you are responsible for getting the course notes, handouts, and laboratory assignments you missed.

Students with Disabilities: University policy 3-01.3 requires that students with disabilities be provided reasonable accommodations to ensure their equal access to course content. If you have a documented disability and require accommodations, please contact the instructor at the beginning of the semester to make arrangements for necessary classroom adjustments. Please note, you must first verify your eligibility for these through Robert Brindley, Coordinator, Academic Services, in Room A104 or at 330-339-3391 Ext. 47433.

Proper Enrollment: Each student bears responsibility for proper/official enrollment and registration in this class. You are to be properly/officially enrolled and registered before or by the 15th day from which the semester begins. If you are not on the official roster, you will be asked to leave the class.

Withdraw Date: September 9, 2012

Tentative Course Calendar:

The following is a *tentative* schedule for the course. The instructor reserves the right to make schedule changes based on the needs of the students in the class.

Week	Date	Chapters To Read	Topic	Programming Project	Test on Chapters
1	27-Aug-12	1	Orientation, Intro to VB .NET		
	29-Aug-12	2,3	IDE, GUI/Form	3.13 Microwave Oven GUI	
2	3-Sep-12		Labor Day, No Class		
	5-Sep-12	4	Textboxes & Buttons	4.11 Address Book GUI	
3	10-Sep-12	5	GUI Events & Coding	5.11 Inventory Enhancement	
	12-Sep-12	6	Variables, Memory & Arithmetic	6.13 Simple Calculator	
4	17-Sep-12	7	Algorithms, Pseudocode & Pgm Ctl	7.11 Currency Convertor	Test 01
	19-Sep-12	8	Checkboxes & Msg Dialogs	8.12 Order Form	
5	24-Sep-12	9	ListBox, Looping, String Concat.	9.11 Table of Powers	
	26-Sep-12		CVE (cont.)		
6	1-Oct-12	10	More on ListBox, Enable Ctrl, Focus	10.17 Restaurant Bill	
	3-Oct-12	11	For ... Next, NumericUpDown	11.11 Present Value	
7	8-Oct-12	12	Select Case selection	12.11 Sales Commission Calc.	Test 02
	10-Oct-12	13	Functions & Sub Procedures	13.11 Temperature Conversion	
8	15-Oct-12	14	Using Dates and Timers	14.13 Alarm App	
	17-Oct-12	15	Scopes, Parm Passsing & Opt Strict	15.16 Schedule Book	
9	22-Oct-12	16	Random Generator & Enums	Crap Game (Bk. Exercise)	
	24-Oct-12	17	One Dem. Arrays & ComboBoxes	17.11 Flag Quiz	
10	29-Oct-12	18	Two Dem. Arrays & RadioButtons	Student Grades App	Test 03
	31-Oct-12	19	Prgm'r Def'd Classes & Objects	19.13 Account Information	
11	5-Nov-12	20	Collections, LINQ, For ... Each & etc.	Shipping Hub App (Bk. Exercise)	
	7-Nov-12	21	Menu Dialogs	21.13 Form Painter	
12	12-Nov-12		Veterans Day Obs., No Class	Screen Scrapping (Bk. Exercise)	
	14-Nov-12	22	String Processing		
13	19-Nov-12	23	Sequential Access Files	23.10 Birthday Saver	
	21-Nov-12		Thanksgiving Break, No Class		
14	26-Nov-12				
	28-Nov-12	24	Exception Handling	24.11 Enhanced MPG	
15	3-Dec-12			All Projects Due!	
	5-Dec-12				
16	10-Dec-12		Final Exam, Exam 2:00 – 4:00 PM		Exam
	12-Dec-12				