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Fall 2010

CS 214: Visual Basic Programming

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CS 214
Visual Basic Programming
Fall 2010

Instructor: Mrs. Vanessa Starkey

Office: 336 Russ

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Office hours: 2:30 – 4:00 p.m. MW

12:30 – 2:00 p.m. TR

after class and by appointment

Course description: This course will cover the fundamentals of object-oriented computer programming including design, structure, debugging, and testing. Visual Basic 2008 will be used for developing programs.

Textbook and Web Resources: **Starting Out with Visual Basic 2008**, Updated Fourth Edition, Tony Gaddis & Kip Irvine, Pearson/Addison Wesley, 2009, ISBN-13: 978-0-13-607695-7.

There are two **text CDs**. One CD contains the Integrated Development Environment (IDE) used in this course. The IDE supplied is Microsoft Visual Basic 2008 Express Edition. Or, you can download Visual Basic 2008 through the CaTS web site: <http://www.wright.edu/cats/software/>. The second CD contains the source code and files required for the chapter tutorials. Both the Visual Basic software and the source code from the text should be loaded and installed on the computer that will be used while studying the text. In addition, the text companion website is <http://www.aw.com/gaddisvb>. On the student support web page there are self-assessment quizzes, power point slides, source code files, and answers to the odd-numbered review questions.

WebCT: <http://wisdom.wright.edu> WebCT will be used for submitting projects, for posting course materials, and for accessing grades.

Lab Facilities: Open labs are available for your use in Russ 152C, 152D, and the library annex. Russ labs are open 24/7; library lab information can be found at <http://www.wright.edu/cats/labs/>. Although you may find it convenient to work at home, make a note of these lab locations in the event that you have a problem with your personal computer (hard drive crash, inability to print, etc.). Because lab facilities are so widely available at Wright State, personal computer issues are not an acceptable excuse for turning in late work.

Attendance/make-up work: There is no make-up work allowed for in-class (lab) work or for exams; however, the lowest lab grade received will be dropped before your final grade is calculated.

Homework: Due dates/times for homework will be given when the assignment is handed out. Late work will be accepted up to 24 hours after the initial deadline, but will incur a 10% penalty. Partial credit will be given for incomplete assignments.

Grading: The course grade will be calculated by weighting the various graded components of the course as given below. The grading scale is 90-100 A; 80-89 B; 70-79 C; 60-69 D; 0-19 F.

Homework: 50%

Midterm exam: 25%

Final exam: 25%

Students with disabilities: Any student with a disability must inform the instructor of the special accommodations needed as soon as possible. The Office of Disability Services can provide an evaluation to determine what accommodations are appropriate.

Academic misconduct: All work in this class is to be completed individually. While you may find it helpful to discuss the homework assignments with other students in the class, be careful that your work is your own. Also, do not “share” your work with other students. Credit will not be given for work that duplicates another student’s work or that was completed as a team effort. In addition, the university policy on academic misconduct will be followed in cases where academic dishonesty is suspected. This policy can be found at <http://www.wright.edu/students/judicial/integrity.html>

Lecture Schedule

DATES	TOPIC	READING
September 8-15	Introduction to the VB language The Programming Process Controls and events	Chapters 1 and 2
September 20-22	Variables; input and output; formatting; exception handling	Chapter 3
September 27-29	Decision statements; class-level variables	Chapter 4
October 4-6	Loops; list and combo boxes	Chapter 5
October 11	Midterm Exam	
October 13-20	Procedures and Functions	Chapter 6
October 25	Multiple forms; modules; menus	Chapter 7
October 27-November 1	Arrays	Chapter 8
November 3	Using Files	Chapter 9
November 8	Two-dimensional arrays	Chapter 8
November 10	Review for final exam	
Final Exam -- Monday, November 15 -- 5:45 am -7:45 pm		

*Readings should be completed before the class meeting.