Spring 2009

CS 214: Visual Basic Programming

Vanessa Starkey
Wright State University - Main Campus, vanessa.starkey@wright.edu

Follow this and additional works at: http://corescholar.libraries.wright.edu/cecs_syllabi
Part of the Computer Engineering Commons, and the Computer Sciences Commons

Repository Citation
http://corescholar.libraries.wright.edu/cecs_syllabi/546
CS 214  
Visual Basic Programming  
Spring 2009

Instructor: Mrs. Vanessa Starkey  
Office: 336 Russ  
Phone: 775-5108  
email: vanessa.starkey@wright.edu

Office hours: MW 1:00 – 3:00 p.m. 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.


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/gaddisyb. 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: 40%
- Labs/In-class work: 10%
- Exams (15% each): 30%
- Final exam: 20%

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.

Lecture Schedule

<table>
<thead>
<tr>
<th>DATES</th>
<th>TOPIC</th>
<th>READING</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 31 – April 2</td>
<td>Introduction to the VB language The Programming Process Controls and events</td>
<td>Chapters 1 and 2</td>
</tr>
<tr>
<td>April 7 – 9</td>
<td>Variables; input and output; formatting; exception handling</td>
<td>Chapter 3</td>
</tr>
<tr>
<td>April 14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thursday, April 16</td>
<td><strong>Exam I</strong></td>
<td></td>
</tr>
<tr>
<td>April 21 – 23</td>
<td>Decision statements; class-level variables</td>
<td>Chapter 4</td>
</tr>
<tr>
<td>April 28</td>
<td></td>
<td></td>
</tr>
<tr>
<td>April 30 – May 7</td>
<td>Loops; list and combo boxes</td>
<td>Chapter 5</td>
</tr>
<tr>
<td>Tuesday, May 12</td>
<td><strong>Exam II</strong></td>
<td></td>
</tr>
<tr>
<td>May 14 – May 19</td>
<td>Procedures and Functions</td>
<td>Chapter 6</td>
</tr>
<tr>
<td>May 21</td>
<td>Multiple forms; modules; menus</td>
<td>Chapter 7</td>
</tr>
<tr>
<td>May 26 - 28</td>
<td>Arrays</td>
<td>Chapter 8</td>
</tr>
<tr>
<td>June 2 - 4</td>
<td>Using Files</td>
<td>Chapter 9</td>
</tr>
</tbody>
</table>

**Final Exam -- Thursday, June 11 -- 10:45 am -12:45 pm**

*Readings should be completed before the class meeting.*