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Computer Science & Engineering Syllabi

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Spring 2013

### CS 2160: Visual Basic Programming

Eric Saunders

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**Computer Science 2160  
Visual Basic Programming  
Spring 2013**

**Monday & Wednesday (6:10 p.m. to 7:30 p.m.)**

**Instructor:** Mr. Eric Saunders, MS, OCP, Security+  
**Department Office and Phone** 303 Russ Engineering Center  
(937) 775-5131  
**E-mail:** eric.saunders@wright.edu

**Course Description:** This course will cover the fundamentals of object-oriented computer programming; with an emphasis on design, structure, debugging, and testing. Visual Basic 2010 will be used for developing programs.

**Textbook and Web Resources:** *Visual Basic 2010: How To Program*, Fifth Edition, Paul Deitel & Harvey Deitel, Pearson/Addison Wesley, ISBN-13: 978-0-215213-6. There is a single CD within the text. The CD contains the Integrated Development Environment (IDE) used in this course. The IDE supplied is Microsoft Visual Basic 2010 Express Edition. Or, you can download the Visual Basic 2010 through the Cats website: <http://www.wright.edu/cats/software/>. For additional student resources, please visit the [publisher's website](#). Both the Visual Basic software and the source code the text should be loaded and installed on the computer that will be used while studying the text. On the student support webpage there are self-assessment quizzes, Power Point slides, source code files, and the answer to the odd numbered review questions.

**PILOT:** <http://pilot.wright.edu> will be used for submitting projects and for accessing course materials and grades. The PILOT website is powered by Desire2Learn.

**PILOT Training:** <http://www.wright.edu/ctl>

**Lab Facilities:** Open labs are available for your use in the library annex. Russ labs are available during specific times. For more information, visit the following URL: <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 experience problems with your personal computer (hard drive failure, inability to print, connectivity issues, etc.). Because of lab facilities are so widely available at Wright State, personal computer issues are no an acceptable excuse for tardy assignments.

**Projects:** All projects are due the day before the final exam (by 11:59 p.m.). From personal experience, do not procrastinate; submit a project every two weeks. The student will have fourteen weeks to complete all of the course projects. The instructor does award partial credit for incomplete assignments. Late projects will not be graded.

**Exams:** Two “midterms” and one final exam will be given. Normally, makeup exams will not be given. However, there are two exceptions: (1) The student has extremely important, binding engagement the same time as the exam. In this case, the student must make arrangement with the instructor to take the exam before the scheduled time. (2) The student has an extreme illness or emergency that prevents him/her from taking the exam. In this case, the student must contact the instructor with 24 hours of the exam time to arrange a make-up, and the student must be able to provide documentation of the illness/emergency. The final exam will be cumulative.

**Quizzes:** There will be unannounced quizzes. Quiz material will come directly from the lecture chapter. The student is responsible for reading the chapter prior to coming to class.

**Attendance:** Counts for 10% of your final grade and is highly encouraged. At the beginning of class, please sign-in.

**Grading:** The course grade will be calculated by weighing the various graded components of the course as given below. Lecture will be a two way discussion between students and instructor. The grading scale is as follows:

A	90 to 100%	Projects:	30%
B	80 to 89.9%	Mid-term Exams:	25%
C	70 to 79.9%	Attendance:	10%
D	60 to 69.9%	Quizzes:	10%
F	0 to 59%	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 Service 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 student 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>.

## Course Schedule

Week	Topics	Reminders
1	Introduction Chapters 1 And 2	
2	Chapter 3 Chapter 15, section 15.1-15.5	
3	Chapter 12	
4	Chapter 4	
5	Chapter 5	Exam 1 - TBD
6	Chapter 6, sections 6.1-6.12	
7	Chapter 6, sections 6.14-6.16	
8	Chapter 11 And Appendix D	
9	Chapter 7	
10	Chapter 13, section s 13.4-13.5	Exam 2 - TBD
11	Handouts provided by instructor – sequential files && file dialog boxes	
12 - 13	Chapters 9 And 10	
14	Chapter 13	
Final Exam Week	Final Exam*	Time TBD

\* Exam dates/times are subject to change.