

## **CS146 Introduction to Programming - Visual Basic**

**Spring 2017 – Web section**

**Instructor :** Dr. Rong Yang  
**E-mail:** Rong.Yang@wku.edu  
**Office :** COHH 4128  
**Phone :** (270)745-2940  
**Office hours:** available on the course website

**Credit Hours:**  
3.0

**Prerequisites:**

Two years of high school algebra or concurrent enrollment in a college algebra course

**Course Description:**

CS 146 is an introduction to problem solving using a computer programming language. This course provides students with the ability to understand and apply math and problems solving skills and concepts. CS 146 students will be able to: use fundamental reasoning principles; write and understand algorithms; develop and understand various programming techniques; solve practical problems through coding; interpret results using graphical displays.

Topics include: introduction to computers and problem solving; visual basic controls and events; variables, input, and output; decisions; general procedures; repetitions; graphics.

**Learning Objectives:**

This course fulfills the Quantitative Reasoning requirement in the Foundations category of WKU's Colonnade program. As part of that program, CS 146 has the following learning objectives:

Students will demonstrate the ability to:

- Interpret information presented in mathematical and/or statistical forms.
- Illustrate and communicate mathematical and/or statistical information symbolically, visually and/or numerically.
- Determine when computations are needed and execute the appropriate computations.
- Apply an appropriate model to the problem to be solved.
- Make inferences, evaluate assumptions, and assess limitations in estimation modeling and/or statistical analysis.

**Course website:**

[WKU Blackboard](http://blackboard.wku.edu) (<http://blackboard.wku.edu>)

This web site will contain course information including class announcements, the course syllabus, office hours, supplementary materials, assignment files, and grade book.

**Text:**

An Introduction to Programming Using Visual Basic 2012, 9th edition

David I. Schneider

ISBN 13: 978-0-13-337850-4

**Attendance policy:**

This is a web-based class and students are not required to physically be in the classroom at each class meeting. However, proctored exams are expected to be done through the [WKU Testing Center](http://www.wku.edu/testing/) (<http://www.wku.edu/testing/>) on the scheduled days. Detailed course information will be available on the course website.

**Internet Access and E-Mail:**

All students must obtain access to the Internet and an e-mail account (a **Western email account is required**. For more information about your western email account, please visit [WKU Account and Login](#)). If you have any questions about the course or need assistance, please contact your instructor by e-mail at any time.

**Grade determination:**

There will be proctored exams and several quizzes and assignments. Your final grade will be determined by using the usual 90-80-70-60 scale. A = 90 – 100%, B = 80 – 89%, C = 70 – 79%, D = 60 – 69%, F = 0-59%.

Assessments	Percentage of grade
Assignments & Quizzes	40%
Exams	60%

**Make up exam policy:**

All assignments including exams and quizzes have associated due dates. You must complete each assignment by its due date. No make up exams and quizzes will be given unless you have a documented medical reason or emergency and prior arrangements are made with the instructor. Exams and quizzes will be announced through the course website.

**Proctoring Fees:**

The WKU DL Testing Centers do not charge a fee; however, the WKU remote Proctoring Network includes both proctor locations who charge for proctoring services as well as those who do not charge. Students are responsible for payment of any proctoring fees if they choose to use a proctor who charges a fee for this service. Students are also responsible for any additional fees that might be associated with the use of a particular proctoring site, such as parking fees.

**Cheating policy:**

All work handed in for credit by a student is to be the work of that student alone. It is your responsibility to not cheat and to protect your own work from being copied by others. Any deviation from this standard may result in an *F* in the course (for *EVERYONE* involved) in accordance with established University policy.

**Disability:**

**The following two paragraphs are mandated by Western Kentucky University:**

In compliance with university policy, students with disabilities who require accommodations for this course should contact the Office for Student Disability Services, DUC A200. Tel: (270) 745 5004. TTY: (270) 745 3030.

Please DO NOT request accommodations directly from the professor or instructor without a letter of accommodation from the Office for Student Disability Services.