

# Visual Basic 2010 for Windows Applications: Introductory

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## **Course Description:**

*Microsoft Visual Basic 2010 for Windows Applications: Introductory* is intended for a half-credit course that introduces students to the correct ways to design and write programs using Visual Basic 2010. The goal of this text is to provide an introductory-level course in computer programming for students with little or no previous programming experience. The objectives of this book are:

- To teach the fundamentals of the Microsoft Visual Basic 2010 programming language
- To understand and apply graphical user interface design principles
- To emphasize the development cycle when creating applications, which mirrors the same approach that professional developers use
- To illustrate well-written and readable programs using a disciplined coding style, including documentation and indentation standards
- To create Visual Basic applications that deploy on multiple platforms such as handheld computers, cell phones, Web pages, Windows, and Office environments
- To demonstrate how to implement logic involving sequence, selection, and repetition using Visual Basic 2010
- To write useful, well-designed programs for personal computers and handheld computers that solve practical business problems
- To encourage independent study and help those who are working on their own in a distance education environment

## **Text/Materials:**

Text: *Microsoft Visual Basic 2010 for Windows Applications: Introductory*  
Shelly/Hoisington (ISBN 13: 978-0-538-46845-9; ISBN 10: 0-538-46845-9)

## **Teaching Methods:**

1. Lectures: Important material from the text and outside sources will be covered in class. Students should plan to take careful notes as not all material can be found in the texts or readings. Discussion is encouraged as is student-procured outside material relevant to topics being covered.
2. Assignments: End of chapter activities and online activities will be assigned weekly to reinforce material in the text.
3. Quizzes: Occasional unannounced quizzes will be given to help ensure students stay up with assigned material.
4. Exams: Three exams will be given. The exams will be closed book/notes and will test assigned readings and material discussed in class. Review sheets will be provided prior to the exam day. The final exam will not be comprehensive in nature. However, the instructor reserves the right to retest on material that was not appropriately comprehended. These items will be noted on exam review sheets.
5. Participation: Student participation will be graded by the level of class participation and attendance.