

JAMESTOWN COMMUNITY COLLEGE
State University of New York

INSTITUTIONAL COURSE SYLLABUS

Course Title: Intro to Visual Basic

Course Abbreviation and Number: CSC 1680

Credit Hours: 3

Course Type: Lecture

Course Description: Students will learn to develop user-friendly, Windows-based business applications using Microsoft Visual Basic.Net. Topics include screen design, program organization, control structures, subprograms, arrays, and file maintenance. Students use Visual BASIC to communicate with other Windows-based applications such as Microsoft Excel and Access. Problem solving techniques and structured programming practices are emphasized.

Prerequisite: CSC 1590.

Student Learning Outcomes:

Students who demonstrate understanding can:

1. Design solutions to user specific problems using the programming language Visual Basic.
 2. Demonstrate the use of control structures in a computer program
 3. Understand and implement Procedures (Sub and Function)
 4. Explain the principles of good GUI design
 5. Implement the correct use of arrays
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Topics Covered:

- Introduction to Visual Basic and event driven programming
 - Sub
 - Function
 - Controls, events, and properties
 - Brief review of control structures - decision and repetition
 - Input and output
 - File
 - Dialog boxes
 - Procedures
 - Arrays
 - Database principles and concepts
 - ADO.NET
 - Principles of GUI design
 - Handling data entry errors
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Information for Students

- Expectations of Students
 - [Civility Statement](#)
 - [Student Responsibility Statement](#)
 - [Academic Integrity Statement](#)
 - [Accessibility Services](#)
Students who require accommodations to complete the requirements and expectations of this course because of a disability must make their accommodation requests to the Accessibility Services Coordinator.
 - [Get Help: JCC & Community Resources](#)
 - [Emergency Closing Procedures](#)
 - Course grade is determined by the instructor based on a combination of factors, including but not limited to, homework, quizzes, exams, projects, and participation. Final course grade can be translated into a grade point value according to the following:

A=4.0	B+=3.5	B=3	C+=2.5	C=2	D+=1.5	D=1	F=0
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 - Veterans and active duty military personnel with special circumstances (e.g., upcoming deployments, drill requirements, VA appointments) are welcome and encouraged to communicate these to the instructor.
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Effective Date: Fall 2021