



COURSE SYLLABUS

PO Box 1189
1042 W. Hamlet Avenue
Hamlet, NC 28345
(910) 410-1700
www.richmondcc.edu

COURSE: CSC 153 C# PROGRAMMING

HOURS: Lecture: 2 Lab/Shop: 3 Work Exp/Clinical: 0 Credits: 3

COURSE DESCRIPTION:

This course introduces computer programming using the C# programming language with object-oriented programming principles. Emphasis is placed on event-driven programming methods, including creating and manipulating objects, classes, and using object-oriented tools such as the class debugger. Upon completion, students should be able to design, code, test, debug, and implement objects using the appropriate environment at the beginning level.

PREREQUISITE(S): CIS 115

COREQUISITE(S): None

TEXTBOOK(S) & OTHER SPECIAL REQUIREMENTS:

To Be Determined

COURSE GOALS:

Build the knowledge and experience to identify problems that can be solved through software, then implement solutions using C# and other tools as needed.

STUDENT LEARNING OUTCOMES:

Upon successful completion of this course, the student will be able to:

1. Discuss software development lifecycles and how they benefit development projects.
2. Explain syntax as well as classes and methods available in the C# standard library.
3. Use the online help system to research features of C# in order to increase efficiency and understanding.
4. Use the language debugger to efficiently resolve coding errors.
5. Create usable GUIs using WinForms.
6. Use more advanced data structures available in the standard library. Code standard data structures and algorithms from scratch.

*****Please refer to the online version of the Richmond Community College Program & Course Catalog and the Student Handbook for current academic and general information**