

**Eastern WV Community & Technical College
Master Course Record**

Course Prefix and Number: IT 198
Course Title: Introduction to Programming in C#
Recommended Transcript Title: Introduction to C# Programming
Date Approved/Revised: 4/20/15; 10/5/17
Credit Hours: 3 Contact hours per week (Based on 15 week term): Lecture: 3 Lab:
Prerequisite: CIS 114 and ENL 100 OR minimum acceptable test scores or permission of the Division Chair or IT faculty. Corequisite: Pre/Corequisite:
Grading Mode: Letter Grade
Course Description: This course is an introductory course in software development using Microsoft C#. The student will use Microsoft Visual Studio Professional environment to create both Console Applications and Graphical User Interfaces. It covers control structures, arrays, methods and an introduction to object oriented programming concepts.
Course Outcomes: <ol style="list-style-type: none"> 1. Create working C# programs using both the command line and forms in the Visual Studio environment. 2. Demonstrate ability to create, store and open text files. 3. Create Graphical User Interface (GUI) applications employing control objects. 4. Apply programming structures—making decisions, looping, and manipulating arrays—in C# programs. 5. Demonstrate ability of using methods, passing parameters and returning data. 6. Demonstrate understanding of object oriented design. 7. Implement classes from Microsoft Libraries in programming design. 8. Define the attributes of Object Oriented Programming. 9. Create an application using controls including setting properties and handling events 10. Implement a database in a program.
Implementation Cycle: Spring
Role in College Curriculum: <input type="checkbox"/> General Education Core (Specify category) <input checked="" type="checkbox"/> Technical Core: AAS in BOS <input checked="" type="checkbox"/> Restricted Elective: IT AAS <input type="checkbox"/> General Elective <input type="checkbox"/> Workforce Education <input type="checkbox"/> Other (Please specify)

Course Number & Title: IT 198
Date Prepared: 4/6/15; 10/5/17
Date Approved by Curriculum Committee: 10/5/17
Date Course Approved by LCC: 4/20/15; 10/16/17

Course Fee: Yes
Instructor's Qualifications: Master's degree in Information Technology (IT) or master's degree with 18 graduate hours in IT.
Expanded Course Description: This course provides the student the experience in a Microsoft Programming Language using Microsoft Tools. C# is used for development of web applications and will prove an asset to a student applying for a junior developer position in programming.

Prepared by: Vincenza Cumbo April 6, 2015
 Full Time Faculty for Information Technology and Computer Information Systems

Signature, Title Date

Approved by:

Dean of Teaching and Learning Date