

Course Syllabus - Fall 2015

Course Title/Number: C# NET Programming / IST 303

Location: Weisberg Applied Engr Complex 1104

Times: MW 4:00 pm - 5:15 pm

Instructor: Dr. Alice Lin

Office: Morrow Library 104

Phone: (304) 696-6418

E-Mail: lina@marshall.edu

Office hours: MW 2:20 – 3:50, WAEC 1104

TR 3:20 - 4:50, My Office

Other times by appointment

University Policies:

By enrolling in this course, you agree to the University Policies listed below. Please read the full text of each policy by going to www.marshall.edu/academic-affairs and clicking on “Marshall University Policies.” Or, you can access the policies directly by going to www.marshall.edu/academic-affairs/policies/. Academic Dishonesty/Excused Absence Policy for Undergraduates/Computing Services Acceptable Use/Inclement Weather/Dead Week/Students with Disabilities/Academic Forgiveness/Academic Probation and Suspension/Academic Rights and Responsibilities of Students/Affirmative Action/Sexual Harassment

Course Description:

From Catalog
Covers the essentials for developing robust and secure applications using C#, Windows forms, and the .NET framework. Also covers ADO.NET, writing secure .NET applications and web services.

Textbook:

Microsoft® Visual C# 2012:

An Introduction to Object-Oriented Programming, 5th Edition

Author: Joyce Farrell

ISBN-10: 1-285-09633-9

ISBN-13: 978-1-285-09633-9

Publisher: Cengage Learning

Publication Date: 2014

Credit:

The course is three (3) credit hours. It includes classroom lectures, exams, quizzes and programming assignments.

Course Student Learning Outcomes and Assessment Measures:

Course student learning outcomes	How students will practice each outcome in this course	How student achievement of each outcome will be assessed in this course
Learn about data and how to input, store, and output data in C#, and create GUI applications	In-class lectures, in-class examples, programming assignments, quizzes and exams	Programming assignments, quizzes and exams
Learn about the classic programming structures—making decisions, looping, and manipulating arrays—and how to implement them in C#	In-class lectures, in-class examples, programming assignments, quizzes and exams	Programming assignments, quizzes and exams
Complete a thorough study of methods, including passing parameters into and out of methods and overloading them	In-class lectures, in-class examples, programming assignments, quizzes and exams	Programming assignments, quizzes and exams
Understand the object-oriented concepts of classes, objects, data hiding, constructors, destructors, inheritance, and except handling	In-class lectures, in-class examples, programming assignments, quizzes and exams	Programming assignments, quizzes and exams
Learn about controls, how to set their properties, and how to make attractive, useful, graphical, and interactive programs	In-class lectures, in-class examples, programming assignments, quizzes and exams	Programming assignments, quizzes and exams
Understand the intricacies of handling events in your interactive GUI programs	In-class lectures, in-class examples, programming assignments, quizzes and exams	Programming assignments, quizzes and exams
Learn to save data to and retrieve data from files, and learn how to interact with databases in C# programs	In-class lectures, in-class examples, programming assignments, quizzes and exams	Programming assignments, quizzes and exams

Grading Policy:

Programming Assignments - 20%

Quizzes - 40%

Midterm Exam - 10%

Final Exam - 30%

Final letter grades are determined based on the following grading scale:

90-100%	A
80-89%	B
70-79%	C
60-69%	D
Below 60%	F

The instructor reserves the right to change these values depending on the overall class performance and/or extenuating circumstances.

Attendance Policy:

Attendance is strongly encouraged. Lecture material will not be reiterated for persons failing to attend a previous session. It is the student's responsibility to meet with instructor to discuss absences due to illness or other reasons. The university attendance policy will apply for excused absences.

Withdrawal Policy:

The University withdrawal policy is followed in this course. The last day to drop an individual course for the Fall Semester is October 30, 2015.

Course Schedule:

Please note this is a tentative schedule. The instructor reserves the right to make changes as appropriate based on the progress of the class.

Week	Start date	Topics, Due dates
1	8/24	Syllabus, CH 1, CH 2
2	8/31	CH 3, CH 4
3	9/7	Labor Day Holiday, CH 5
4	9/14	CH 6
5	9/21	CH 7
6	9/28	CH 8 (Programming Assignment 1 due)
7	10/5	Midterm Exam, CH 9
8	10/12	CH 10
9	10/19	CH 11
10	10/26	CH 12
11	11/2	CH 13
12	11/9	CH 14
13	11/16	CH 15
14	11/23	Thanksgiving/Fall Break-Classes Dismissed
15	11/30	Dead Week (Programming Assignment 2 due)
16	12/7	Final Exam (Dec. 7, 3:00- 5:00)