

Course Outline of C#

Course code: SWE132

Course Title: Introduction to Programming Language II (C#)

Course Teacher: Farzana Sadia

Course Teacher Initial: FS

Google Class Room Code: jf1ehs

Section:C, **Batch:** 19th

Course Description:

Study of introduction to C# programming will create a basic foundation of the knowledge of C# language. Through this course students will learn the basic concepts and skills of computer programming in an object-oriented approach using C#.

Reference:

1. Head First C# by Deitel and Deitel.
2. C# 4.0 The Complete Reference by Herbert Schildt
3. C# 6.0 in a Nutshell, 6th Edition by Joseph Albahari, Ben Albahari

Assessment Policy:

Quiz: Three quizzes will be taken, best two will be counted.

1st Quiz: First week of February

2nd Quiz: Fourth week of February

3rd Quiz: Fourth week of March

Assignment: Two assignments must be submitted.

Assignment-1 submission: Before mid

Assignment-2 submission: After mid

Lab Performance: Five lab performances will be taken on instant problem solving.

Lab Test: Two lab tests will be taken.

Project: A project must be developed using object oriented concepts, file and exceptional handling and graphical user interfaces. **Project Submission: Second week of April**

Course Outline:

- Data types, variable, control statements
- Methods, method overloading
- Class, object
- Constructor
- Array, String
- Access and Non access Modifier
- Exception Handling
- File Handling
- Threading

Mark Distribution: Total 100 Marks (Theory: 75 Marks + Lab 25 Marks)

<i>Theory: 75 marks</i>	<i>Lab: 25 Marks</i>
Class Attendance: 5	Lab performance: 5
Assignment: 5	Lab Test: 5
Quiz: 15	Lab Final Exam: 5
Mid Exam: 20	Project: 5
Final Exam: 30	Viva: 5

Attendance policy:

Students have to enter the class **within 10 minutes** to get attendance in the class. After 10 minutes students CAN enter the class, however, he/she will get 'L' which means 'late attendance'. After 3 late attendances it will be counted as one absent. So, students need to be careful about time. **1 mark will be deducted for 3 absents.**

Disclaimer:

While every effort has been made to ensure that the information contained in this document is accurate, the information is subject to change. Changes will be notified in class and/or tutorials, via Google Classroom or email. Students are encouraged to check Google Classroom or email for any changes. It is your responsibility to be informed.