



# Course Weekly Outline

**Course Name: C++ programming II**

Course Instructor						
E-mail						
Title						
Course Coordinator						
Course Objective	Represent the problem in algorithms and Flow charts then solve it in C++.					
Course Description	<div>1. Learn the basic steps involved in entering, compiling, and executing and debugging a program.</div> <div>2. Apply structured programming control concepts of sequence, selection and repetition in the C++ language.</div> <div>3. Effectively use scalar data types float, int, and char.</div> <div>4. Manipulate elementary arrays.</div> <div>5. Design and effectively use functions and parameters.</div> <div>6. Create Files.</div>					
Textbook	Lectures					
References	The Complete Reference Borland C++, By Herbert Schildt, Mc_GrawHill					
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam	
	30%	15%	5%	-	50%	
General Notes						



## Course Weekly Outline

Week	Date	Topics Covered	Lab. Experiment Assignments	Notes
1	First week	Pointers	Pointer	/
2	Second week	Arrays. Array of One Dimension: Declaration of Arrays	Array of One Dimension: Declaration of Arrays	/
3	Third week	Initializing Array Elements	Initializing Array Elements	/
4	Fourth week	Accessing Array Elements.	Accessing Array Elements.	/
5	Fifth week	Read / Write / Process Array Elements.	Read / Write / Process Array Elements.	/
6	Sixth week	Array of Two Dimension: Declaration of 2D-Array	Array of Two Dimension: Declaration of 2D-Array	/
7	Seventh week	Initializing 2D-Array Elements.	Initializing 2D-Array Elements.	/
8	Eighth week	Read / Write / Process Array Elements.	Read / Write / Process Array Elements.	/
9	Ninth week	String.	String	/
10	Tenth week	Read / Write / Process Array Elements.	Read / Write / Strings	/
11	Eleventh week	Member Function of String. Stdlib Library.	String	/
12	Twelfth week	Structures. The Three Ways for Declare the Structure.	Structures	/
13	Thirteenth week	Structures	Structures	/
14	Fourteenth week	Array of Structures.	Structures	/
15	Fifteenth week	files	files	/
Final Year Exam				

**Instructor Signature:**

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