

Lesson Plan Format
18 Weeks (From January 2018 to April 2018)

Name of Assistant/ Associate Professor	Ritu Dahiya
Class and Section	BCA (IV) Sem
Subject	Object oriented programming using C++

Week 1 (January 1-6)
Chapter 1
1/1/2018 Procedural Language
2/1/2018 Object oriented approach
3/1/2018 Characteristics of OOPS
4/1/2018 User defined data types
5/1/2018 Description of data type
6/1/2018 Example of these

Week 2 (January 8-13)
Chapter
8/1/2018 Polymorphism
9/1/2018 Encapsulation
10/1/2018 Getting started with C++
11/1/2018 Syntax
12/1/2018 Data types
13/1/2018 Variables

Week 3 (January 15-20)
Chapter
15/01/2018 String
16/01/2018 Function
17/01/2018 Name space
18/01/2018 Exception
19/01/2018 Operators
20/01/2018 Flow control
21/01/2018 Recursion

Week 4 (January 22-27)
Chapter
22/01/2018 HOLIDAY
23/01/2018 Discussion of flow control and operators
24/01/2018 Pointers
25/01/2018 Recursion
26/01/2018 HOLIDAY
27/01/2018 Classes

Week 5 (January 29-Feb 3)

Chapter	
29/01/2018	Private classifiers
30/01/2018	Public classifiers
31/01/2018	Constructors
01/02/2018	Destructor
02/02/2018	Member function
03/02/2018	Example of member function

Week 6 (Feb5 -Feb 10)	
Chapter	
05/02/2018	Static members
06/02/2018	Memory management
07/02/2018	With new
08/02/2018	Delete
09/02/2018	Object copying
10/02/2018	HOLIDAY

Week 7 (Feb12 - 17)	
Chapter	
12/02/2018	Copy constructor
13/02/2018	HOLIDAY
14/02/2018	Assignment operator
15/02/2018	This input/output
16/02/2018	Concept oh inheritance
17/02/2018	Derived class

Week 8 (Feb19 -24)	
Chapter	
19/02/2018	Base class
20/02/2018	Different type of inheritance
21/02/2018	Classification of inheritance
22/02/2018	Overriding member function
23/02/2018	Abstract class
24/02/2018	Public inheritance

Week 9 (Feb26 - Mar 03)	
Chapter	
26/02/2018	Private inheritance
27/02/2018	Ambiguity in multiple inheritance
28/02/2018	HOLIDAY
01/03/2018	HOLIDAY
02/03/2018	HOLIDAY
03/03/2018	HOLIDAY

Week 10 (March5 -10)	
Chapter	

05/03/2018	Virtual function
06/03/2018	Friend function
07/03/2018	Example of virtual and friend function
08/03/2018	Static function
09/03/2018	Test
10/03/2018	Over view of functions and inheritance

Week 11 (March12 -17)	
Chapter	
12/03/2018	Exception handling
13/03/2018	Derived classes
14/03/2018	Exception declaration
15/03/2018	Unexpected Exception
16/03/2018	Exception when handling
17/03/2018	Resource capture

Week 12 (March19 -24)	
Chapter	
19/03/2018	Resource release
20/03/2018	Template classes
21/03/2018	Declaration
22/03/2018	Template function
23/03/2018	HOLIDAY
24/03/2018	Declaration

Week 13 (March26 -31)	
Chapter	
26/03/2018	Name space
27/03/2018	Test of exception handling
28/03/2018	String
29/03/2018	HOLIDAY
30/03/2018	Iterators
31/03/2018	Hashes

Week 14 (April 02 -07)	
Chapter	
02/04/2018	iostreams
03/04/2018	Explanation of iostreams
04/04/2018	Member functions
05/04/2018	Test of exception handling
06/04/2018	Different types of inheritance
07/04/2018	Programs of inheritance

Week 15 (April 09 -14)	
Chapter	
09/04/2018	Discussion of classes

10/04/2018	Objects
11/04/2018	Method function
12/04/2018	Overview of operators
13/04/2018	HOLIDAY
14/04/2018	HOLIDAY

Week 16 (April 16 -21)	
Chapter	
16/04/2018	String, characters
17/04/2018	Flow controls
18/04/2018	HOLIDAY
19/04/2018	Programs of data types
20/04/2018	Operators
21/04/2018	String, characters

Week 17 (April 23 -28)	
Chapter	
23/04/2018	Test of inheritance
24/04/2018	Exception handling
25/04/2018	Try-catch
26/04/2018	revision
27/04/2018	revision
28/04/2018	revision

Week 18 (April 29 -30)	
Chapter	
30/04/2018	revision