

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	2/2	Introduction to C++	I	PPT		
2	3/2	C++ Language design		PPT		
3	5/2	Programming categories		PPT		
4	6/2	Why study programming language		PPT		
5	9/2	Compilation and Interpretation		PPT		
6	10/2	Programming environment		PPT		
7	11/2	Specifying Syntax		PPT		
8	12/2	Specifying Syntax		PPT		
9	16/2	Context free grammars		PPT		
10	17/2	Context free grammars		PPT		
11	18/2	Regular expression		PPT		
12	19/2	Scanning and parsing.		PPT		
13	27/2	Binding time	II	CR		
14	26/2	Object life time and storage		CR		
15	28/2	Scope rule		CR		
16	16/3	Home		CR		
17	17/3	Reference environment		CR		
18	19/3	Macro expansion		CR		
19	20/3	Separate compilation		PPT		

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20	23/3	Role of Symbolic Analysis Attribute grammar	III	PPT		
21	24/3	Evaluating Attributes	III	CR		
22	26/3	Action Routines		CR		
23	28/3	Space Management for attributes		CR		
24	30/3	Decorating & Syntax Tree		CR		
				CR		
25	1/4	Control Flow	<u>III</u>	CR		
26	2/4	Structuring and Unstructured Flow		CR		
27	3/4	Selecting		CR		
28	6/4	Iteration		CR		
29	7/4	Recursion non-determinacy		CR		
30	9/4	Type checking		CR		
31	10/4	Records and variants		CR		
32	12/4	Variants & equality testing		CR		
33	15/4	Arrays and Strings		CR		
34	16/4	Sets and Lists		CR		
35	17/4	Pointers & Recursive Type		CR		
36	20/4	Review of PPT Lecture	<u>IV</u>	PPT		
37	24/4	calling Sequences & parameter passing		CR		
38	28/4	Generic Sub Routines and modules		CR		

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38	24/14	Exception handling Co-Routines, events	IV	PPT		
39	27/14	Concurrency Basics		PPT		
40	28/14	Implementing Synchronization		PPT		
41	30/14	Language level Mechanisms		PPT		
42	18/15	Message passing		PPT		
43	19/15	Run time program management		PPT		
44	21/15	Late binding		PPT		
45	22/15	Late binding of machine code		PPT		
46	25/15	Inspection		PPT		
48	26/15	Interpretation		PPT		
48	29/15	Introduction to OOP	V	CR		
49	1/6	OOP		PPT		
50	2/6	Inheritance Encapsulation		PPT		
51	4/6	Initialization Finalization		PPT		
52	5/6	Dynamic method binding		PPT		
53	8/6	Multiple Inheritance		PPT		
54	9/6	Overview of Scheme		PPT		
55	11/6	Scheme		PPT		
56	12/6	Higher order functions		PPT		

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