

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

Name of Assistant / Associate Professor
 Class and Section
 Subject

SHAMSHER SINGH
 B.C.A. 4th SEM.
 SOFTWARE ENGINEERING.

Week 1 (January 1-6)	
Chapter 1	
01/01/2018	Introduction of Software Engineering, Software Crisis.
02/01/2018	Software Processes and characteristics.
03/01/2018	S/W Life Cycle models.
04/01/2018	Water fall model, Prototype.
05/01/2018	Evolutionary and Spiral Model.
06/01/2017	Test
Week 2 (January 8-13)	
Chapter	
08/01/2018	S/W Requirements Analysis and specifications; Requirement Eng.
09/01/2018	Requirement elicitation techniques like FAST
10/01/2018	QFD, Requirements Analysis using PFD
11/01/2018	Data Dictionaries and ER Diagrams.
12/01/2018	Requirements documentation
13/01/2018	Nature of SRS, characteristics & organization of SRS.
Week 3 (January 15-20)	
Chapter	
15/01/2018	Revision
16/01/2018	Test
17/01/2018	Software Project Management Concepts like management spectrum
18/01/2018	The People the Problem, The Process, The Project
19/01/2018	S/W Project Planning,
19/01/2018	S/W project Planning like size estimation like
20/01/2018	S/W project Planning like lines of code & function Count.
Week 4 (January 22-27)	
Chapter	
22/01/2018	HOLIDAY
23/01/2018	COCOMO models.
24/01/2018	Risk Management
25/01/2018	Software Design.
26/01/2018	Cohesion and coupling.

27/01/2018	classification of cohesiveness.
Week 5 (January 29- Feb 3)	
Chapter	
29/01/2018	coupling function oriented Design
30/01/2018	object oriented Design.
31/01/2018	software metrics.
01/02/2018	software measurements: what & why.
02/02/2018	Tolcen Count.
03/02/2018	Halstead s/w science Measures,
Week 6 (Feb 5-10)	
Chapter	
05/02/2018	Design metrics
06/02/2018	Data structure metrics.
07/02/2018	Revision
08/02/2018	Revision
09/02/2018	Test
10/02/2018	HOLIDAY
Week 7 (Feb 12-17)	
Chapter	
12/02/2017	Test
13/02/2017	HOLIDAY
14/02/2017	S/w Implementation
15/02/2017	S/w implementation relationship between design and implementation
16/02/2017	implementation issues & programming support environment.
17/02/2017	coding.
Week 8 (Feb 19-24)	
Chapter	
19/02/2018	coding the Procedural design.
20/02/2018	Good coding style.
21/02/2018	Revision
22/02/2018	Revision
23/02/2018	Test.
24/02/2018	Software Testing.
Week 9 (Feb 26-March 03)	
Chapter	
26/02/2018	Software Testing: Testing Process.
27/02/2018	Design of Test cases
28/02/2018	HOLIDAY
01/03/2018	"

02/03/2018	
03/03/2018	''
Week 10(March 5-10)	
Chapter	
05/03/2018	
06/03/2018	Types of Testing
07/03/2018	Revision
08/03/2018	Revision
09/03/2018	Test
10/03/2018	Functional Testing
Week 11(March 12-17)	
Chapter	
12/03/2018	
13/03/2018	Structural Testing
14/03/2018	Revision
15/03/2018	Revision
16/03/2018	Test
17/03/2018	Test Activities
Week 12(March 19-24)	
Chapter	
19/03/2018	
20/03/2018	Integration Testing
21/03/2018	System Testing
22/03/2018	Debugging Activities
23/03/2018	Revision
24/03/2018	HOLIDAY
Week 13(March 26-31)	
Chapter	
26/03/2018	Revision
27/03/2018	Revision
28/03/2018	Test
29/03/2018	HOLIDAY
30/03/2018	S/W Maintenance: Management of Maintenance
31/03/2018	Maintenance Problems
Week 14(April 02-07)	
Chapter	
02/04/2018	Reverse Engineering
03/04/2018	S/W Re-engineering
04/04/2018	Configuration Management

