		CE-CN342		

Syllabus Content	Hours
• Introduction to Java Environment • The NetBeans Software • The Structure of Java Code	3
• Introduction to Java Applications • Java Variables • Accepting Inputs from User • Java Option Panes • Control Flow	6
Introduction to Classes and Objects • Classes, Objects, Methods and Instance Variables • Declaring a Class with a Method • Declaring a Method with a Parameter • Initializing Objects with Constructors	9
Methods:A Deeper Look • Java Methods • Calling your Java Methods • Passing Values to Methods • Declaring Methods with Multiple Parameters • Notes on Declaring and Using Methods	9
Classes and Objects: A Deeper Look • Writing Java Classes • The Java Class Constructor • Method Overloading • Constructor Overloading	12

• Java and Inheritance	
Java Error Handling	3
Abstract - classes interface Simple java program	3

<u>References:</u>
Java™ How to Program, Seventh Edition By H. M. Deitel - Deitel & Associates, Inc., P. J.
Introduction to Programming Using Java " David J. Eck Hobart and William Smith Colleges "
Advanced Programming for Java 2 Platform "Austin & Pawlan "