

COMP 302
System Analysis And Design

Subject: System Analysis and Design

Course Code: COMP 101

Type: Core

FM: 100(60 int+40 final)

Contents:

Chapter 1. Introduction to System Analysis and Design

Chapter 2. Software Development Paradigms

Chapter 3. Software Development Life-cycles

Chapter 4. Software Processes

Chapter 5. Software Estimation Metrics

Chapter 6. System Analysis

6.1 Information Capuring and Managemnet

6.2 Requirement Analysis Techniques

6.3 Configuration Management

6.4 Information Modelling

6.5 Data Modelling

Chapter 7. System Design

7.1 Structured Design Methodologies

7.2 Class and object Modelling

7.3 Design Tools and Techniques

7.4 Design Optimization (Cohesion/Coupling)

Chapter 8. Introduction to Design Patterns

Chapter 9. Introduction to Software Architecture