

## Software Engineering (SE-303)

### Course Outline

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| <b>Week 01:</b>   |
| Lecture 01: Chapter 1 Introduction to software engineering  |
| Lecture 02: Chapter 1 Introduction to software engineering  |
| Lecture 03: Chapter 1 Introduction to software engineering  |
| <b>Week 02:</b>   |
| Lecture 01: Chapter 2 Software Process./Process Improvement |
| Lecture 02: Chapter 2 Software Process                      |
| Lecture 03: Chapter 2 Software Process                      |
| <b>Week 03: // Project Announce</b>                         |
| Lecture 01: Chapter 3 Agile Methods                         |
| Lecture 02: Chapter 3 Agile Methods                         |
| Lecture 03: Chapter 3 Agile Methods                         |
| <b>Week 04:</b>   |
| Lecture 01: Chapter 4 Agile Methods// User Story            |
| Lecture 02: Chapter 4 Agile Methods// User Story            |
| Lecture 03: Chapter 4 Requirement Engineering               |
| <b>Week 05:</b>   |
| Lecture 01: Chapter 4 Requirement Engineering               |
| Lecture 02: Wide band Delphi                                |
| Lecture 03: Work Breakdown Structure                        |
| Week 06:  |
| <b>MID WEEK- </b>   |
| <b>Week 07:</b>   |
| Lecture 01: Chapter 8 Design concepts //Project Proposal    |
| Lecture 02: Chapter 8 Design concepts (Pressman)            |
| Lecture 03: Chapter 8 Design concepts (Pressman)            |
| <b>Week 08:</b>   |
| Lecture 01: Chapter 6 Architectural Design (Sommerville)    |
| Lecture 02: Chapter 6 Architectural Design (Sommerville)    |
| Lecture 03: Chapter 6 Architectural Design (Sommerville)    |
| <b>Week 09:</b>   |
| Lecture 01: Chapter 11 UI Design (Pressman)                 |
| Lecture 02: Chapter 11 UI Design (Pressman)                 |
| Lecture 03: Chapter 11 UI Design (Pressman)                 |
| <b>Week 10:</b>   |
| Lecture 01: Chapter 8 Software Testing (Sommerville)        |
| Lecture 02: Chapter 8 Software Testing (Sommerville)        |
| Lecture 03: Chapter 8 Software Testing (Sommerville)        |
| <b>Week 11:</b>   |
| <b>MID WEEK -  </b>   |
| <b>Week 12:</b>   |
| Lecture 01: Chapter 24 Quality Management (Sommerville)     |
| Lecture 02: Chapter 24 Quality Management (Sommerville)     |
| Lecture 03: Chapter 24 Quality Management (Sommerville)     |
| <b>Week 13:</b> Project                                     |

## Marks Distribution

| Sr# | Evaluation Name | Weightage |
|-----|-----------------|-----------|
| 1   | Assignment      | 10        |
| 2   | Final Exam      | 50        |
| 3   | Project         | 10        |
| 4   | Sessional-I     | 15        |
| 5   | Sessional-II    | 15        |