**CS253 Course Schedule**
**Semester 2, 2023-2024**

**Instructor: Indranil Saha**

### Week 0
January 5
Lec 1: Introduction

### Week 1
January 8 — January 14
Lec 2: Software Process
Lec 3: Requirement Engineering
Lec 4: Requirement Engineering

### Week 2
January 15 — January 21
Lec 5: Requirement Engineering
Lec 6: Software Architecture
Lec 7: Software Architecture

### Week 3
January 22 — January 28
Lec 8: Object Oriented Design
Lec 9: Object Oriented Design
Lec 10: Object Oriented Design

### Week 4
January 29 — February 4
Lec 14: Object Oriented Programming Using C++
Lec 15: Object Oriented Programming Using C++
Lec 16: Object Oriented Programming Using C++

### Week 5
February 5 — February 11
Lec 17: Object Oriented Programming Using C++
Lec 18: Object Oriented Programming Using C++
Lec 19: Defensive and Secure Programming

### Week 6
February 12 — February 18
Lec 11: Front-End Development
Lec 12: Front-End Development
Lec 13: Database

**Week 7**
February 26 – March 3
Lec 20: Bash Scripting
Lec 21: Bash Scripting
Lec 22: Bash Scripting

**Week 8**
March 4 – March 10
Lec 23: MakeFile and Auto Configuration Tools
Lec 24: Testing
Lec 25: Testing

**Week 9**
March 11 – March 17
Lec 26: Testing
Lec 27: Debugging
Lec 28: Python Programming

**Week 10**
March 18 – March 24
Lec 29: Python Programming
Lec 30: Python Programming
Lec 31: Python Programming

March 25 – March 31, 2024
Mid–Semester Recess

**Week 11**
April 1 – April 7
Project Work

**Week 12**
April 8 – April 14
Project Work

**Week 13**
April 15 – April 21
Students Presentation

April 22 – May 1, 2024
End–Semester Examination