

## CS253 Course Schedule Semester 2, 2021-2022

**Instructor:** Indranil Saha

### **Week 1**

January 5, 2022 Lec1: Introduction  
January 7, 2022 Lec2: Software Process

### **Week 2**

January 11, 2022 Lec3: Requirement Engineering  
January 12, 2022 Lec4: Requirement Engineering  
January 14, 2022 Lec5: Requirement Engineering

### **Week 3**

January 18, 2022 Lec6: Software Architecture  
January 19, 2022 Lec7: Software Architecture  
January 21, 2022 Lec8: Object Oriented Design

### **Week 4**

January 25, 2022 Lec9: Object Oriented Design  
January 26, 2022 **Holiday: Republic Day**  
January 28, 2022 Lec10: Object Oriented Design

### **Week 5**

February 1, 2022 Lec11: C++  
February 2, 2022 Lec12: C++  
February 4, 2022 Lec13: C++

### **Week 6**

February 8, 2022 Lec14: C++  
February 9, 2022 Lec15: C++  
February 11, 2022 Lec16: Defensive and Secure Programming

### **Week 7**

February 15, 2022 Lec17: Bash Scripting  
February 16, 2022 Lec18: Bash Scripting  
February 18, 2022 Lec19: Bash Scripting

February 21–26, 2022

Time: TBD

Mid-Semester Examination

### **Week 8**

March 1, 2022 **Holiday: Maha Sivaratri**  
March 2, 2022 Lec20: MakeFile and Auto Configuration Tools  
March 4, 2022 Lec21: Testing

### **Week 9**

March 8, 2022 Lec22: Testing  
March 9, 2022 Lec23: Testing  
March 11, 2022 Lec24: Debugging

March 12 – March 20, 2022  
Mid-Semester Recess

### **Week 10**

March 22, 2022 Lec25: Python  
March 23, 2022 Lec26: Python  
March 25, 2022 Lec27: Python

### **Week 11**

March 29, 2022 Lec28: Python  
March 30, 2022 Lec29: Students Presentation  
April 1, 2022 Lec30: Students Presentation

### **Week 12**

April 5, 2022 Lec31: Students Presentation  
April 6, 2022 Lec32: Students Presentation  
April 8, 2022 Lec33: Students Presentation

### **Week 13**

April 12, 2022 Lec34: Students Presentation  
April 13, 2022 Lec35: Students Presentation  
April 15, 2022 **Holiday: Good Friday**

### **Week 14**

April 19, 2022 Lec36: Students Presentation  
April 20, 2022 Lec37: Students Presentation  
April 22, 2022 Lec38: Students Presentation

April 25 – May 4, 2022  
Time: TBD  
End-Semester Examination