

# CIS 4327 - Senior Project 1

## Fall 2004

### Introduction

1. Monday, 8/23  
Introduction to the Course  
Syllabus, Projects, Survey, Guidelines  
Grading; Attendance; Teamwork, team leader  
My Availability...Expectations  
Topics to be covered...see link for tentative schedule.  
Project Deliverables...see link on web site  
"Readings due today:" homework/ reading/ work on.../ every night  
Readings for Wednesday:  
RUP, Chap 1, Software Development Best Practices, pp. 1-16  
OOSE text: Chap 1, Software and Software Engineering, pp 1-24.  
Get together and discuss topic. Needed asap!  
No lecture today - but maybe...

### Software Development / Engineering and Best Practices

2. Wednesday, 8/25  
Due: Surveys, preferences, etc.  
Readings due today:  
RUP, Chap 1, Software Development Best Practices, pp. 1-16  
OOSE text: Chap 1, Software and Software Engineering, pp 1-24.  
Get together and discuss topic. Needed asap!  
Check up on Readings:  
  
Feedback on surveys; team formation  
Lecture: Intro to Software Engineering and Best Practices - 1
3. Monday, 8/30  
Homework; Working on Project Proposal - can discuss  
Study notes; read.  
Reading for next time: Whitten Slides  
Due: Nothing  
Team Project Assignments due  
Lecture Notes: Intro to Software Engineering and Best Practices - 2
4. Wednesday, 9/1  
Homework; Working on Project Proposal - can discuss  
Study notes, read.  
Reading for next time: RUP Chapters 2 and 3  
Whitten Slides.  
Due: Final Proposal will be locked in - coming!  
Lecture Notes on Best Practices - Part 3

## The Development Process - the RUP

5. Wednesday, 9/8  
Homework; Project Proposal locked! Study notes, read, and work on Deliverable 1.  
Reading for next time: RUP Chapters 4-6; Whitten Slides  
Due: Nothing  
Lecture Notes on RUP - Part 1 of 2
- 6 Monday, 9/13  
Homework; Study notes, read, and work on Deliverable #1  
Reading for next time: (Optional) How to Fail Miserably Using the RUP Whitten slides  
Due: Nothing  
Lecture Notes on the RUP 2 of 2
7. Wednesday, 9/15  
Homework; Study notes, read and work and Deliverable #1  
Reading for next time: RUP Chapters 7, 8  
(Chap 8 is essential for Deliverable #1)  
OOSE, Chapter 4 pp. 101-106  
Whitten Slides  
Due: nothing - but Deliverable 1 is coming..  
Lecture: How to Fail with the RUP - Steps to Pain and Suffering

## Business Process and Domain Modeling

8. Monday, 9/20  
Homework; Study notes, read, work on deliverable #1.  
Reading for next time: RUP - Chapter 8, Business Modeling Discipline  
Whitten Slides  
Due: Deliverable 1 coming.  
Lecture Notes: Domain Modeling 1 of 2 (B022)
9. Wednesday, 9/22  
Homework;  
Reading for next time:  
RUP - Chapter 9, The Requirements Discipline  
Use Cases - Chapter 1, The Trouble with Requirements  
Due: Deliverable #1 approaching  
Lecture Notes: Domain Modeling 2 of 2 (B027)

## Requirements Analysis

10. Monday, 9/27  
Reading for next time: OOSE, Chapter 4, pp. 106-130  
Homework;  
Due: Deliverable #1 coming..  
Lecture Notes: The Trouble with Requirements (C025)

11. **Wednesday 9/29 DELIVERABLE 1 DUE**  
Readings for next class: Use Cases - Chaps 2-3, pp 21-62.  
Whitten Slides  
Due: Deliverable #2 due in one week.  
Lecture Notes: Finish Requirements - in general.

## Use Case Modeling

12. **Monday, 10/4**  
Homework; Study notes, read, finish Deliverable #2  
Reading for next time: Use Cases, Chapters 3  
Whitten Slides  
Due: Deliverable #2 due in two days.  
Lecture Notes: Moving to Use Cases (D026)
- 13 **Wednesday, 10/6**  
Homework; Study notes, read;  
Reading for next time: Study for Examination  
Due: **DELIVERABLE #2 - DOMAIN MODELING DUE**  
Lecture Notes: Use Case Driven Approach to Requirements (E030)
14. **Monday, 10/11 EXAMINATION #1 - Proctored**  
**(Blue books plus scantron plus pencil)**  
Homework:  
Reading for next time: Visual Modeling, Chapter 3 and 4  
Due: Nothing
15. **Wednesday, 10/13 LABORATORY ASSIGNMENT:**  
**Rose Basics - tools**  
**Add Use Case Model - tools**  
Homework:  
Reading for next time: Use Cases, Chapter 4 - Façade Use Cases  
Exercises Students read and study and do: Rose Basics and (G02)  
Adding Use Cases (H04)
16. **Monday, 10/18**  
Homework: Study notes; read; work on deliverable #3  
Reading for next time: Chapter 5 - The Filled Iteration  
Whitten Slides  
Due: Nothing  
Lecture Notes: The Façade Iteration (F031)
17. **Monday, Wednesday, 10/20**  
Homework: Study notes; read; work on deliverable #3  
Reading for next time: OOSE, Chapter 2, Review of Object Orientation  
Visual Modeling, Chapter 4, pp 51-56  
Due: Go over examination #1  
Lecture Notes: Structure of Use Cases (F032)