

CEN 6016 - Software Engineering 1
Fall 2004
11/12/2004

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 due on Wednesday:
RUP, Chap 1, Software Development Best Practices, pp. 1-16
OOSE text: Chap 1, Software and Software Engineering, pp 1-24.
No lecture today likely.

Software 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:
Homework: Study notes, read.

Feedback on surveys; team formation
Lecture Notes: Intro to Software Engineering and Best Practices - 1
3. Monday, 8/30
Homework; Study notes; read; Work on Project Proposal
Reading for next time:
Due: Nothing
Team Project Assignments due
Lecture Notes: Intro to Software Engineering and Best Practices - 2
4. Wednesday, 9/1
Homework; Study notes; read; Work on Project Proposal
Reading for next time: RUP - Chapters 2 and 3
Due: Nothing
Lecture Notes on Best Practices - Part 3

The Development Process - the RUP

5. Wednesday, 9/8
Homework; Project Proposal Locked; Have started working on Deliverable #1
Study notes, read.
Reading for next time: RUP Chapters 4-6
Due: Nothing
Lecture Notes on RUP - Part 1 of 2
- 6 Monday, 9/13
Homework; Study notes, read, work on deliverable 1.
Reading for next time: How to Fail Miserably Using the RUP
Due: Nothing
Lecture Notes on the RUP 2 of 2
7. Wednesday, 9/15
Homework; study notes, read, work on deliverable 1
Reading for next time: RUP Chapters 7, 8
(Chap 8 is essential for Deliverable #1)
OOSE, Chapter 4, pp. 101-106
Due: Nothing, but Deliverable #1 is coming
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
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: Requirements Analysis - Part 1:
The Trouble with Requirements (C025)
11. Wednesday 9/29 **DELIVERABLE 1 DUE on 10/4 due to Hurricane**
Readings for next class: Use Cases - Chaps 2-3, pp 21-62.
Lecture Notes: Requirements Analysis - Part 2: Moving to Use Cases

End of Study Materials for Exam #1 here!!!!!!!!!!!!!!!

Use Case Modeling

12. Monday, 10/4
Homework; Study notes, read,
Reading for next time: Use Cases, Chapters 3
Use Cases, Chapter 4 - Façade Use Cases
Due: Deliverable #1
Lecture Notes: Use Case Driven Approach to Requirements (E030)
- 13 Wednesday, 10/6
Homework; Study notes, read;
Reading for next time: Study for Examination
Exercises
Due: **DELIVERABLE #2 - DOMAIN MODELING DUE - moved see ahead.**
Lecture Notes: Façade Iteration
14. Monday, 10/11
Homework: Study for Exam #1. Be certain to read all required readings.
Final preparation for Domain Model (Deliverable #2)
15. Wednesday, 10/13 **EXAMINATION #1 - Proctored**
Due: **Deliverable #2: Domain Model**
Homework: **LABORATORY ASSIGNMENT: Read through the following:**
Visual Modeling, Chapter 3 and 4
Rose Basics - tools
Add Use Case Model - tools
16. Monday, 10/18
Homework: Study notes; read; work on deliverable #3
Reading for next time: Chapter 5 and 6 - The Filled and Focused Iteration
Due: Nothing
Lecture Notes: The Structure of Use Cases
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: Authoring Use Cases

Objects and their Orientation

18. Monday, 10/25
Homework: Study notes and read.
Reading for next time: Review again: OOSE, Chapter 2,
Review of Object Orientation
Due: **DELIVERABLE #3 DUE**
Lecture Notes: Authoring Use Cases - more