

CS 577a Fall 2003

Announcements – 12/01/03

A. Winsor Brown

December 1, 2003

Upcoming Events

(updated per announcements; more expected)

Date	Lecture/b	Speakers	Individual Assignments	Team Assignments	IV&V Assignments
M 12/01	Risk Management; LCA Wrap-up	Madachy; Brown	ER(3)		
W 12/03	MBASE Wrap-up I	Brown	ATSE Assignment (15)	LCA Packages (200); PR(3)	
F 12/05	ATSE feedback ; MBASE Wrap-up II	Brown	HW 8: MS Project (30) Team Self-Eval.	Archiving (20) COCOMO (15) ...	Evaluation of LCA Package (75)
M 12/08	No class (study day)		ER(3)		
W 12/10	No class (finals)			PR(3)	
F 12/12			ER(3) Individual Critiques (160)	Client Evaluation (20)	Individual Critique (160)



ATSE Assignment (15 pts)

Please get this done ASAP.

There will be feedback and some discussion on Friday!



ERs and PRs

Individuals should do Effort Reports on Monday, Dec 8!

If and only If students continue to work on projects over the holidays, they should be reporting effort on a weekly basis!

The "final" Team Progress Report should be turned in on Wednesday, December 10.

Team Self-Evaluations

<i>Criteria</i>	<i>Definition</i>
Primary contribution	The contributions that the team member made in helping build artifacts for which he/she was primarily responsible. In the <i>Details</i> column identify the artifacts.
Secondary contribution	The contribution that the team member made in helping build artifacts other than those he/she was primarily responsible. Identify the artifacts in the <i>Details</i> column.
Importance	Indicate the degree of importance of having this team member on your team.
Effectiveness	How effective was the team member in the role they played in the team. E.g., were the artifacts produced of good quality, did they require regular follow-ups?
Proactive	How proactive was the team member in taking up additional responsibilities
Team player	Was the team member a good team player? Were they responsible?

Mail Message: Is Correct [sort of]

Date: Sun, 30 Nov 2003 00:19:59 -0800

From: meghna shah <meghnash@usc.edu>

Subject: CS577a Schedule changes

To: meghna@cse.usc.edu

Hello All,

On behalf of Prof Brown, this is to inform you of some schedule changes:

LCA Packages initially due on Wednesday 12/3/03 are now due on Friday 12/5/03 in hard copy and on team website at 2:00PM

Archiving [(20)], COCOMO [(15)]... that were due on Friday 12/5/03 are now due without penalty anytime upto Monday 12/8/03 2:00PM.

**Only change is in the "COCOMO (15)" part:
it will have a new definition soon (like the HW7),
details below**

LCA Packages

**LCA Packages initially due on Wednesday 12/3/03
are now due on Friday 12/5/03
in hard copy and on team website at 2:00PM**

- Hardcopy for documents
 - OCD ... FRD
 - Construction Plans (Iteration, Quality Management, Test, and Peer Review)
- Team website **MUST** contain
 - Rose MDL files
 - Rose HTML (web-published) file **zipped** (final version at least)
 - COCOMO est file and Driver & Size Rationale document
 - Interim (non-anchor-point) versions of document's doc-files in one zip file per document-type

LCA Packages (cont.)

Looking forward – Information to be reflected in the LCP

- Two iteration transitions should be planned for
 - training and planning for client for real transition
 - training the maintainer to make fixes
- High quality expectation projects (e.g., one client says NO MAINTENANCE) should
 - measure and track defect removal effort, and defect densities
 - target defect density reduction with peer reviews (other, higher performance techniques can be used)
 - train the maintainer during construction AND transition



IV&V "Evaluation of LCA Package (75)"

IV&Vers should submit piece evaluations (per document) as soon as available.

Evaluations will be used during LCA Package Grading

More details to come ...

Archiving (20) Team Assignment [AKA Archiving "Homework"]

Email sent to some(?) of you said:

"1) For archive homework:

This is team assignment which is due on Dec 05, 2003."

Your homework must follow the guideline or you will lose a lot of points:

Truth is,

- It is still officially due on 12/05, but there will be NO penalty if submitted before 12/8 at 2:00PM.
- There may be some minor clarifications to the "guidelines" for
 - Web published version of your Rose Model File
 - Intermediate CM versions
- **TEAM grades will be withheld until submission is satisfactory!**



COCOMO Team Assignment

Details to be available soon

Many of you did a fine job in the LCA packages submitted for ARB 2, others ...

- Show **COCOMOII.2000.3** CLEF
- Provide size and driver rationales per word file supplied

Individual Critiques

Email sent to some(?) of you said:

"2) For Individual Critiques homework:

This is individual assignment which is due on Dec 12, 2003.

Please also submit the soft copy of individual critiques naming CS577a_2003_TeamNumber_FirstName_LastName.xxx (for example, CS577a_2003_T01_Zhihao_Chen.doc) to the ftp server - 128.125.3.102. No body can read and download your files on this server.

Truth is,

- It is still officially due on 12/12
- Contents "expectations" to be available by 12/3 class-time.

Individual Critiques (cont.)

Length: 4-6 single-spaced pages recommended

- (+/- a factor of 2), but not absolutely required.
- Don't use very small or large fonts.
- Do use 1.5 line spacing: Therefore 6-9 pages

Main Question: If we were to do the project over again,

- how would we do it better, and
- how does that relate to the software engineering principles in the course?

1. Course Process Improvement (2/3 of emphasis)

2. Project Product & Processes Improvement (1/3 of emphasis)

Individual Critiques (cont.)

Course Process Improvement (2/3 of emphasis)

Candidate topics include, but are not limited to,

1. Use of the WinWin Spiral Model
2. Use of various tools (Easy-WinWin tool; Rational Rose; USC-COCOMO tool; Microsoft Project, etc...)
3. Guidelines for Model-Based Architecting and Software Engineering (MBASE) deliverables
4. Information sources (lectures, papers, textbook, course notes, website, etc...)
5. Human Resources (Professor, Guest Speakers, Teaching Assistant, Library clients, Library Personnel, Architecture Review Board members, etc...)
6. Management (staffing, organization, planning, controlling process and product)
7. Team size
8. Rose Modeling and documents containing Rose Diagrams

Individual Critiques (cont.)

Project Product & Process Improvement (1/3 of emphasis)

Describe possible improvements in the various components of your product: i.e., if you had to design the system again, how would you do it better, knowing what you know now. The Product Improvement section will not be considered in grading the final project, therefore, do not hesitate to discuss some of the potential flaws of the current design: the CSCI 577b teams will consider product improvement suggestions during the rebaselining of the Life Cycle Architecture package.

The Product and Process improvement aspects of your Individual Critique may include, but is not limited to, the following:

- 1. Simplifier and Complicator Analysis;**
- 2. Model Clash Analysis**
- 3. WinWin to SSRD Mapping; WinCondition tracking**
- 4. Rose Models**



Client Evaluation (20)

Encourage your clients to get these in ON TIME:

Delays will delay your grade.

FYI – LCA Webcast Presentations

Team 8 ["A graphical AADL Model Development Environment Based on Rational (IBM) Rose"]

- with no audio until 15 minutes into the time
- some of the review board comments were not audible

Team 11 [WinWin Spiral Modeler]

- some of the review board comments were not audible