

INF 117 Project in Software Engineering

Lecture Notes -Winter Quarter, 2008

Michele Rousseau

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Today's Lecture

- Introductions
- What is INF 117?
- Course and Policy Information
- Grading
- Team Work
- Team Website / Course Logs
- Appraisal Form

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Introductions

- Instructor
 - Michele Rousseau
 - Email: michele@ics.uci.edu
 - Please put INF117 in the Subject
 - Office Hours: by appointment
 - Office: Bren Hall: 5204

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What is INF 117?

- Project class
- Specification, design, construction, testing, and documentation of a complete software system
 - using concepts learned in ICS 52, Informatics 101, and Informatics 111.
- Special emphasis on the need for and use of:
 - Teamwork
 - Careful planning
 - Other techniques for working with large systems
- Formerly ICS 125

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Prerequisites

- ICS 51 with a grade of C or better
- Inf 101 / CS 141 / CSE 141
- Inf 111/CSE 121
- Math 2A-B
- Stats 67 / Math 67
- Please let me know if you have not satisfied these requirements

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INF 117 - Intro

- Real-world Projects
 - Potential for internships and jobs
- Team Emphasis
 - How are teams determined?
 - Survey

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How are you Evaluated?

- Class Attendance/Participation
- Class Presentations
 - For each Deliverable
- Overall Project
 - Including Team Website
 - Course Log / Team Logs
 - You must complete and deliver your product!
- Performance Appraisals

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Class Information

- Website
 - www.ics.uci.edu/~michele/Teaching/INF117
 - Can access from my home page
 - www.ics.uci.edu/~michele
- EEE Noteboard
 - <https://eee.uci.edu/toolbox/noteboard/index.php?board=6324>
- Add / Drop Policy
 - DEADLINE: Friday!

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Course Materials

- No New Texts
- Be Proactive in your Learning
- Recommended Readings
 - Will be announced on the website and in lecture

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Course Schedule

- Lecture
 - T-Th: 9:30 – 10:50
- Discussion
 - Fri 4p-4:50p
 - No TA
 - Mandatory this Friday
 - Usually be used for meetings
- Labs
 - Can use for team meetings

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Team Website

- Each team will create a team website.
- Make sure that you **DO NOT** include anything that violates a non-disclosure agreement you may have with your client.
- One of the items on the team's website should be the team log.

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Course Logs

- Improve your productivity/process/estimation abilities
- Record time on all course activities
- Will need at the end of the quarter for your final review

Logs should be created at *least* weekly!

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Course Logs

- An entry is one of 3 types
 - A *description* records an activity
 - Most common
 - An *explanation* says why something happened;
 - A *prescription* is a plan for something to do later.
- Record Errors
 - discover areas you need to improve upon

Logs should be created at *least* weekly!

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Team Logs

- Should be published on the team website every two weeks
- Individual logs should be summarized and included in the team logs

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Appraisal Forms

- Divide 100 pts between your teammates based on participation
- Be Constructive
- Comment on performance based on
 - Competence: possesses or seeks required knowledge
 - Effort: tries to accomplish assigned tasks
 - Productivity: level of work generated
 - Creativity: conceptualized useful, innovative approaches
 - Quality: demonstrates accuracy and thoroughness
 - Dependability: follows through on responsibilities
 - Communication: listens, expresses ideas/concepts
 - Initiative: seeks out new assignments
 - Decision making: sets objectives, evaluates alternatives
 - Leadership: fosters good teamwork, solves team problems

Template is on the website

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Questions

- When in doubt
 - Ask the TA
 - Ask the Instructor
 - Open door policy
 - Attend Office Hours
- Noteboard for general questions
- Email for sensitive questions
- Questions will generally be answered within 24 hours (except weekends)
 - So don't leave your questions to the day before an assignment is due
- Ask your friends

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Other Policies

- Please use your UCI account
 - This is for your privacy
 - Needs to be activated if you are a new student
- Questions of general interest will be forwarded to the board
 - if you don't want it forwarded for some reason please let me know
- If you need accommodations due to a disability, please let me know

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