

Lecture 1

Com S/SE 409/509

Robyn Lutz

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Robyn's Office Hours: **Tues & Thurs, 9:30-10:45**, Webex Meeting: 120 406 3186
password: fall

Wandi's Office Hours: **Mon 10 am**—Webex Meeting: 120 009 7469 password: fall
Wed 7 pm—Webex Meeting: 120 152 4392 password: fall

Olukorede's Office Hours--**Wed 10**--Webex Meeting: 120 943 3385 password: fall2020

See Canvas Announcement for details

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Syllabus Overview

- Online only, in Canvas: lectures, exams, office hours
- Textbook: opt-out this week if you don't want it. 3rd ed.
- TAs: Wandu Xiong wdxiong@iastate.edu, Olukorede Fakorede fakorede@iastate.edu
- Grading: 30% Exam 1; 30% Exam2; 20% Homeworks; 20% Team Project
SRS & 509 Presentations *Software Requirements Specification*
- 509: additional HW & exam problems; presentation on RE paper *existing*
- * Academic Honesty: don't cheat; we'll monitor & report. Effect: 0 on exam/assignment + final grade lowered a full letter grade.
- Cyclones Care: keep in touch; ask for help; care for your communities

9/24
11/21
Sat
9:45-11:45
9:45-11:45

Schedule

I. Discovering and Analyzing the Requirements:

Sept. 3: Homework 1 due

II. Communicating the Requirements:

Sept. 17: Homework 2 due

Sept. 22: Review

Sept. 24: Exam 1

III. Validating the Requirements

Oct. 15: Homework 3 due

Oct. 29: Team Project delivery: Software Requirements Specification

IV. Evolving the Requirements

Nov. 12: 509 Presentations due

Nov. 17: Review

Saturday, Nov. 21, 9:45-11:45: Exam 2 (tentative ISU finals schedule)

Me & RE

- Me: worked in RE; research in RE; teach RE; service to RE
- RE: “the systematic handling of requirements” [SWEBOK int’l standard for SE courses]
- Software RE: concerned with “the elicitation, analysis, specification, and validation of software requirements”
- Job titles vary; everyone needs RE! Deciding **what** to build is the hardest part, so RE skills are highly valued by employers.

In 409/509 you’ll learn an RE process and a set of techniques for discovering, analyzing, communicating, validating and evolving requirements.

Assignment: form teams by Thursday

- Teams: HW and Project may be done in teams of 3 or 4:
- Email Olukorede fakorede@iastate.edu by Thursday:
 - Option 1: with the **names & emails** of your team's members. If your team has 2 members & you'd like more, put that in your email.
 - Option 2: with a statement that you want to work individually
 - Option 3: otherwise, we'll assign you to a team

Thanks!