

# Administrivia & Organizational CECS 590

The essence for making this course a  
successful one for all of us

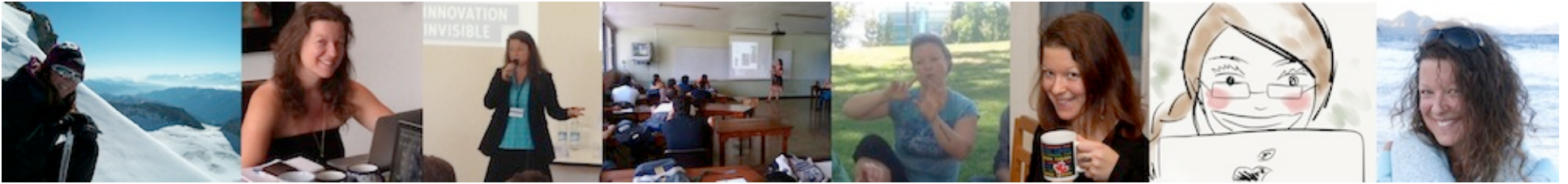
# Organizational

- Who?
- Where, when, what?
- Learning Goals
- Rules
- Assessment
- Assignments
- Grading
- Questions
- Exceptions
- Schedule

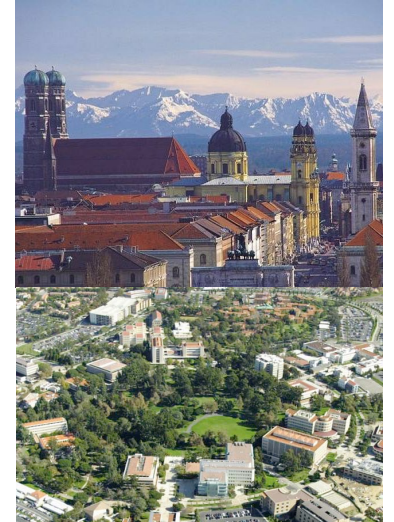
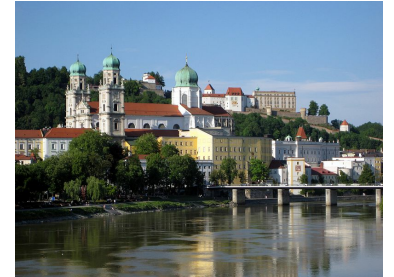
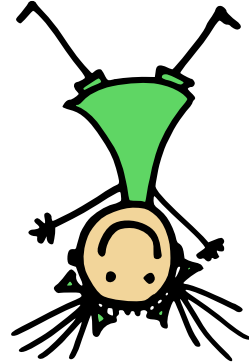
# Who?

- You: 25(?) students
- Professor:
  - Me: Birgit Penzenstadler  
birgit.penzenstadler@csulb.edu  
office hours: Mon/Wed 4:15-5:15





Who am I?



# When, where, what?

- Seminar: Mon/Wed 5:30-6:45pm in SPA-029C
- Material
  - Slides & in-class notes
  - Exercises & discussions
  - Assignments

# Learning Goals

A knowledge of and an ability to apply:

- Developing requirements
- Stakeholder analysis
- Goal analysis
- Creating a system vision
- Developing a domain model
- Developing a usage model (UML use cases)
- Eliciting and specifying quality requirements
- Quality assurance techniques
- Requirements management

# Rules

- You get out of this class what you put into it.
- Attend class & be actively involved
  - Requirements Engineering is all about communication, so please speak up.
- Visit course website on BeachBoard & check e-mail regularly
- Silence mobile devices
- Give me your feedback (early on!)

# Assessment

- Literature Review (20%)
- Team project with 5 assignments (each 10%) that you can do in teams of 2-3
  - Stakeholder model
  - Goal model
  - System vision
  - Usage model
  - Quality requirements
- Research paper (20%)



# Assignments

- Package properly
  - Submit as one file per assignment (PDF or zip)
  - With a cover page and description text
  - Listing the names and team
- No handwriting, no deadline extensions

# Grading

- I give grades with reasons and explanation, but sometimes I might also miss something
- Disagreements: If you believe a mistake has been made, prepare the following before meeting with me.
  - What is the mistake?
  - Why is it a mistake?
  - Support that demonstrates your arguments

# Questions

- When in doubt ... ask! Preferably during class.  
Why? There might be more with same questions.
- E-mail questions
  - Answer (generally) will be copied to everyone
  - Please put [CECS 590] at the beginning of subject line and include your full name signing the email message
- Questions will not be answered on the day before assignment is due

# Exceptions

- Contact me as soon as possible, not at the last minute!
- Valid reasons
  - Serious illness, accident, family emergency, etc.
  - DOCUMENTED

# Schedule (prelim.)

CECS 590 RE		Lecture	Assignments
Week 1			
	21-Jan	Introduction, Organization, Outline, Why RE	
Week 2	26-Jan	Principles	
	28-Jan	System Models: Views	
Week 3	2-Feb	System Models: Decomposition and Abstraction	
	4-Feb	Frameworks: Templates & Standards, EARS	
Week 4	9-Feb	Frameworks: AMDiRE	
	11-Feb	Business Case Analysis	Literature review due
Week 5	16-Feb	Discussion Session	
	18-Feb	Stakeholders	
Week 6	23-Feb	Stakeholders	
	25-Feb	Goals and Constraints	Stakeholder model due
Week 7	2-Mar	Goals and Constraints	
	4-Mar	System Vision	Goal model due
Week 8	9-Mar	System Vision	
	11-Mar	Domain Models	System vision due
Week 9	16-Mar	Domain Models	
	18-Mar	Usage Models	
Week 10	23-Mar	Usage Models	
	25-Mar	Discussion Session / Backup	Usage model due
Spring break	30-Mar	Spring break	
	1-Apr	Spring break	
Week 11	6-Apr	PRACTICE TALK?	
	8-Apr	Software quality models	
Week 12	13-Apr	Quality requirements	
	15-Apr	Quality requirements	Quality requirements due
Week 13	20-Apr	Process requirements	
	22-Apr	Towards system specifications	
Week 14	27-Apr	Quality assurance - constructive	
	29-Apr	Quality assurance - analytical	
Week 15	4-May	Change management	
	6-May	Q & A - advanced topics overview	Research paper due

# Research opportunities

- Would you like to do some research?
- Contact me for possible topics.
  - Sustainability in software engineering
  - Requirements engineering
  - Interview studies
  - Literature studies
  - Software development projects

# What do you want out of this course?

- What are your expectations?
  - Teaching methods – how do you want me to teach?
  - Learning experience – how do you want to learn?
  - Acquired skills – what do you want to learn?
- Please take a piece of paper and write down 2-3 thoughts.
- I will do an early feedback evaluation in a few weeks to see whether we are on track.