

# Requirements Engineering II

## Introduction and Setup

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# Course Structure

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**Contents:** seven assignments on selected, advanced topics in RE

**Prerequisites:** Requirements Engineering I

**Style:** Seminar-style lectures

# Course Structure – 2

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Students acquire knowledge mainly themselves by

- reading original articles
- performing practical exercises
- preparing presentations and giving them in class

For every assignment, there will be a 90 minutes session in class with student presentations, Q&A, and discussion

# Assignment Topics

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1. Requirements Elicitation and Innovation
2. Conflict Management
3. RE in Social Networks
4. Requirements Traceability and Evolution
5. Requirements Modeling
6. RE for Software Product Lines
7. RE Tools

# Assignment Materials

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Assignments typically include

- Assignment description
- Mandatory and theme-specific reading
- Exercises

See course web page at

[http://www.ifi.uzh.ch/rerg/courses/hs11/re\\_ii/](http://www.ifi.uzh.ch/rerg/courses/hs11/re_ii/)

Paper download is password-protected

User name: stud

Password: communicated in class on Oct 17

# Schedule

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17 Oct. 2011	Introduction and Setup
31 Oct. 2011	RE Conferences and Journals (no assignment, information only) 1. Requirements Elicitation and Innovation
14 Nov. 2011	2. Conflict Management 3. RE in Social Networks
28 Nov. 2011	4. Requirements Traceability and Evolution 5. Requirements Modeling
12 Dec. 2011	6. RE for Software Product Lines 7. RE Tools
January 2012	Final exams (to be announced)

# Exams & Pass Criteria

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## Pass requirements

- Successful completion of at least 5 of 7 assignments
- Presence in class sessions for at least 6 assignments
- Passing grade or better in final exam

For passing the course, all three criteria must be met

Final exams will be held as 20' oral exams

# Elicitation and Innovation

Finding out what is needed

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# Elicitation and Innovation

## Preparation

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### Individual Tasks

- Mandatory Reading
- Working on questions and summaries

### Group Tasks

- Preparation of talks
  - A. Selection of Elicitation Techniques
  - B. Elicitation of Requirements on Site
  - C. Creativity and Product Innovation
- Discuss Elicitation Techniques for Case Study

# Presentation Tips

## Content

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Not only summarize the papers sequentially

Talk about your topic

- Main message, how do papers relate to it
- E.g. compare different approaches or highlight common ideas

Set the papers in context to the overall assignment topic

# Presentation Tips

## Presentation Skills

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Use this course as an opportunity to train presentation skills

Great source on how to deliver presentations:  
<http://www.garreynolds.com/Presentation>

- Organization and Preparation
- Delivery
- Slides

Not everything is applicable to seminar talks, but main ideas apply

# Presentation Tips

## Some Rules of Thumb

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- Do not put text blocks on slides
- Do not use more than 7 bullet points per slide
- Better: Do not use bullet points at all
- Try to use diagrams / images instead of text
- Use animations sparingly (only appear / disappear)