

# Course Introduction

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**AMOS A01**

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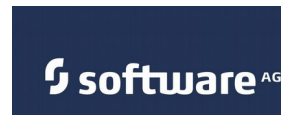
**To introduce students to agile methods by creating useful software.**

- [1] Professional = ambition + collaboration with external partner
- [2] Agile methods = our focus here, specifically Scrum + XP
- [3] We teach both overall processes as well as best practices
- [4] Useful software is software that has value to someone!

# Course Learning Goals 2 / 2

- Learning objectives (lectures / tutorials, projects)
  - Gain conceptual understanding and practical skills of using
    - agile software development methods
    - software project management tools
    - software development tools
  - Learn how to work
    - with an external stakeholder
    - in a (student) project team
- Project objectives
  - Develop useful software
  - Perform a great demo on demo-day!

# Industry Partners and Teaching Projects



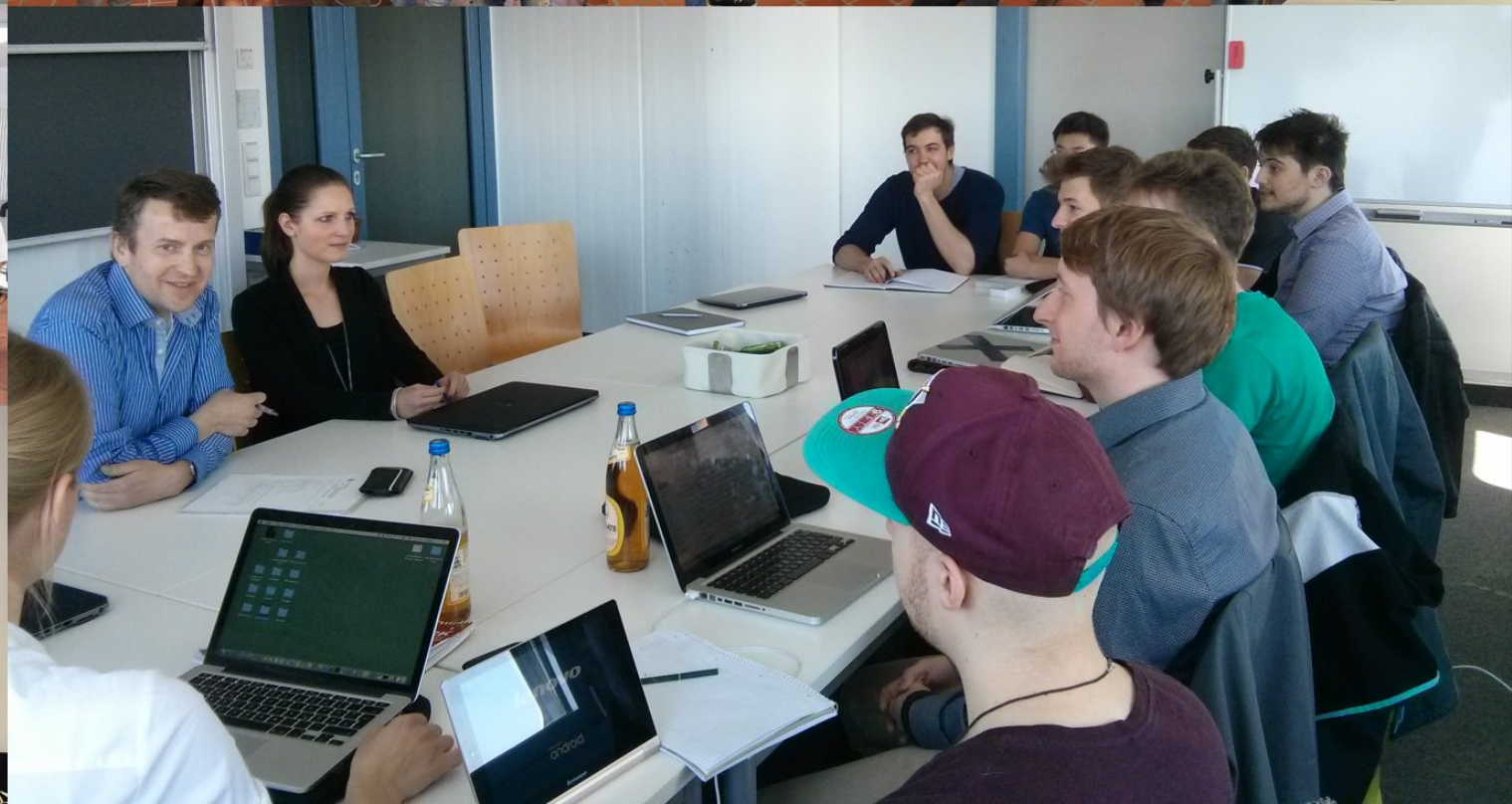
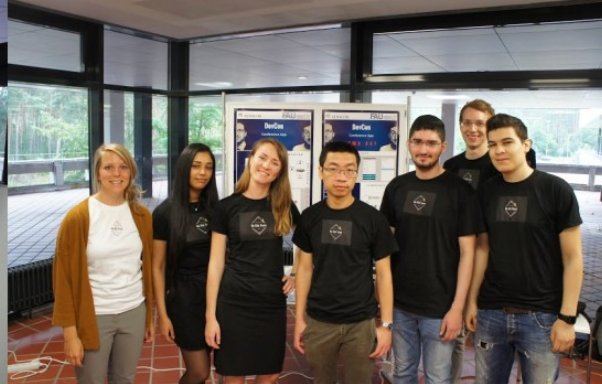
**Volkswagen**

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The AMOS Project

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# Skills Required for Course

- General skills
  - Willingness and ability to work in a team
  - Ability to acquire skills during the project
- Role-specific skills
  - Product owner (PO) role
    - Strong conceptual thinking
    - Ability to communicate well
    - Affinity to technology
  - Software developer (SD) role
    - Technology stack (specific to project)
    - Development tools like git and GitHub
    - Test-driven development
  - Scrum master (SM) role
    - Strong organizational skills

# No Oral or Written Exam [1]



[1] You still have to register for the course

# Course Language [1]

- Class
  - Lecturer: English
  - Student: Choice of German or English
- Project and exercises
  - Team: Choice of German or English
  - Submissions: Choice of industry partner

[1] <http://osr.cs.fau.de/2012/03/10/english-or-german-deutsch-oder-englisch/>



# Course Communication

- Announcements by email through course management system
- Questions and answers using course communication forum
- If you must send email, use the teaching team alias from Course index



# Course Information

- Course index
  - See link in course management system

# Thank you! Questions?

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- Contributions
  - None yet