

Course Introduction

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AMOS A01

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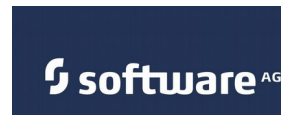
To introduce students to agile methods by creating useful software.

- [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

...

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

Course Grading

- See **Grading Schema** tab on **Course Organization** doc

Receiving a Grade for the Course

- If you want to receive a grade
 - You must register through the course management system before the deadline
 - QISPOS is open now, closes 2020-11-18
- ~~If you cannot register through the course management system~~
 - ~~Please follow these instructions <https://wp.me/PDU66-2bx>~~
- Otherwise: No grade

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
- For email, use the teaching team alias from the **Course Organization** doc



Course Information

- See **Course Organization** doc at <https://dirkriehle.com/the-amos-project>

Thank you! Questions?

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- Contributions
 - None yet