Cologne International Summer University (CISU)
Session 2: August 18 - 28, 2015

Fundamentals of Business Process Management

Lecturer: Prof. Dr. Jan Mendling
Wirtschaftsuniversität Wien, Austria

Dates: August 18 - 28, 2015
Location: Main Campus (Seminargebäude), Room S13
Grading: Presentation

Credit Points: 6
Attendance: 30 h
Workload: 180 h
Independent Studies: 150 h

Course objectives
The course is designed to set the participants in the state of understanding and applying techniques and methods of:

- process identification
- process modeling with BPMN
- process discovery
- process analysis
- process redesign based on redesign heuristics
- process automation with business process management systems

Course description

- Introduction
- Process Identification
- BPMN and Exercises
- BPMN Correctness
- Process Discovery
- Advanced BPMN
- Student Presentations
- Process Redesign
- Process Automation
- Student Presentations

Course prerequisites
There are no prerequisites
Teaching methods
Lectures, exercises, project work

Personal and interpersonal competences
The students will develop skills of analyzing business processes and redesigning them. The students will also extend their skills of managing projects.

Pre-course assignment
The students will be required to read chapters 1-5, 8 and 9 in parallel to the classes.

Course readings and literature

Grading
Grading will be based on the team presentations and a separate exam.