

# Topics in Advanced Microeconomics

-- Syllabus --

**Lecture + Tutorial:** 3 SWS (1SWS = 45 min in each of 13 weeks)

**Lecture dates:** Oct 26<sup>th</sup>, Nov 2<sup>rd</sup>, 9<sup>th</sup>, 16<sup>th</sup>, 23<sup>th</sup>, 30<sup>th</sup>, Dec 14<sup>h</sup>, 21<sup>st</sup>, Jan 11<sup>th</sup>, 25<sup>th</sup>, Feb 8<sup>nd</sup> 15:15 – 18:15

**Instructor:** Prof. S. Goldlücke

**Course level:** Phd/Master

**Course language:** English

**ECTS:** 6

## Course description

This course focuses on the theory of repeated games and relational contracts. Along the way, there will be time to refresh some game theory.

## Format

All material can be found on ILIAS.

## Literature

Mailath and Samuelson's "Repeated Games and Reputations" is helpful for the part on repeated games. There is also a handbook article by Jim Malcomson on "Relational incentive contracts".

Good sources for game theory in general are e.g. Fudenberg and Tirole, "Game Theory", Osborne and Rubinstein, "A Course in Game Theory", Myerson, "Analysis of Conflict", or also the game theory chapters in Mas-Colell, Whinston and Green, "Microeconomic Theory". More precise references will be given in class.

## Grading

Activities	Percentages
Presenting solutions to exercises	30%
Presentation	30%
Term Paper	40%