



M.Sc. Economics

Code:		Type:	M.Sc. 2 nd year, winter/spring 2011
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Title:	Topics in Game Theory (Elective course)		
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Lecturer:	Klaus Ritzberger		
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ECTS:	3	Contact hours (per term):	20
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Semester:	Winter/spring 2011	Frequency of the lecture:	10 units
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Dates:	February 14 until March 2, 2011		
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Prerequisites:	Game Theory I		
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Learning objectives (What are the intended learning outcomes? Which skills will be acquired?):
Students will learn the most important refinement concepts for Nash equilibrium and how to apply them.

Content (Which professional competence and which contents will be imparted?):
<p>Backwards Induction</p> <p>Strategy Trembles</p> <p>Strategic Stability</p> <p>Payoff Perturbations</p> <p>Index Theory</p>

Teaching approach (Description of the learning and teaching methods):
Lecture + Tutorial

Workload (Definition of workload (ECTS), divided in pre-modules (e.g. pre-readings), core-modules (contact hours), post-modules (e.g. case studies)):
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M.Sc. Economics

Language of instruction (Information on the language of teaching):

English

Obligatory literature (E.g. scripts, books, articles, cases, papers):

Ritzberger, K., Foundations of Non-Cooperative Game Theory, Oxford University Press, 2002

Additional literature (E.g. books, articles, cases, papers):

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Mode of examination (Mode of the examinations and tests (e.g. oral or written examination, lecture, homework, papers, class participation):

Final exam.

Grading (A maximum of 20% outside the class room):

Final exam 100%.

Special features (E.g. excursion, guest speaker):

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Contact information:

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By appointment

Course website:

<https://cecnet.tuwien.ac.at/>