Course Descriptions NonDegree 2018-2019

Course Title Thinking Strategically Course Code EBC2082 ECTS Credits 6.5 Assessment None Period Start End Mon Tue Wed Thu Fri 1 3-9-2018 26-10-2018 X X X X Level Intermediate/Advanced The course treats the main concepts of game theory at an intermediate level, and includes applications to economics. Goals After this course students know the basic corcepts of game theory at an intermediate level, and includes applications to economics. The following topics are discussed : zero sum games, value and optimal strategies. nonzero sum games, subs equilibrium. Subgames, value and optimal strategies. nonzero sum games, repeated games. Cooperative games cooperative games cooperative games. With incomplete information, perfect Bescription The ecorse Treats the main concepts of game theory at an intermediate level, and includes applications to economics. The following topics are discussed : zero sum games, value and optimal strategies. nonzero sum games, repeated games. Cooperative games: coore, Shapley value, nucleolus. Liferature H. Peters: Game Theory - A Multileveled Approach, Springer, 2015 (2nd edition). Pereiquisites State howledge of standard calculus, as taught in the first year of an average program in economics or business. For students from Maastrich: level of QM1 and QM2. T	Course Descriptions r	NonDegre	C 2010-2	019						
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