

Econ 725: Mechanism Design 1

Course Outline

SOE, SMU
2019-2020 Term 2
Classes on Thursday 8:30-11:45pm

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Office Hours: By appointment

Course Objectives

The course seeks to provide an introduction to Implementation theory and Mechanism Design. The first part of the course will focus on the complete information model and study Nash implementation. The second part will focus on incomplete information environments and study dominant strategy implementable social choice functions in various restricted domain settings which include models with quasi-linear utilities and auction settings. The course will study both deterministic and random social choice functions.

Course Readings

There is no text book for the course. Different papers will be referred to at various points and assigned as readings.

Course Requirements

The course grade will be determined by class participation (20%) and a in class presentation (80%) of some selected papers.