

Economics 762
Industrial Organization II
Alan Sorensen and Chris Sullivan
Spring 2022

Course overview

The purpose of this course is to train and prepare students to conduct research in the field of Industrial Organization (IO). We will emphasize topics and methods that have been active areas of research in recent years. For each class session there will be a reading assignment. Students will be expected to contribute to each others' learning by reading the assigned papers carefully and actively engaging in class discussions. The reading assignments will mostly be published articles, but we may also assign some sections from Jean Tirole's textbook, *The Theory of Industrial Organization*. You should purchase a copy of this book if you intend to specialize in Industrial Organization.

Assignments in the course will include problem sets and a short paper (literature review). Grades will be based on performance on these assignments, as well as overall engagement and contribution to class discussion.

Course materials (reading assignments, problem sets, lecture notes, etc.) will be posted on the course website: <https://canvas.wisc.edu/courses/279943>.

The topics we intend to cover are listed below, but we may add some topics and/or change the order as the semester progresses.

- Nonlinear pricing and price discrimination
- Search and advertising
- IO research in health care markets
- Innovation and technology adoption
- Production function estimation
- Single-agent dynamic models
- Dynamic games