

**Rutgers University**  
**Economics Department**  
**Industrial Organization**  
**Spring 2018**

**Course title:** INDUSTRIAL ORGANIZATION (01:220:441)

**Meeting time:** Tuesday/Thursday, 6:10 PM – 7:30 PM

**Location:** Frelinghuysen Hall A5, CAC

**Prerequisites:** Intermediate Microeconomic Analysis (01:220:320) and Econometrics (01:220:322)

**Instructor:** Yuanting Wu

**Email:** [yuanting.wu@rutgers.edu](mailto:yuanting.wu@rutgers.edu)

**Office Hours:** Tuesday/Thursday, 4:00pm-6:00pm

**Office Location:** 429 NJ Hall

**Course Overview:**

This course: Industrial Organization (01:220:441) is an upper-level elective course. By taking this course, students will have a better command of both theoretical concepts and empirical applications about firms and industries. The main parts of this course will include: The basic market structure models of monopoly, oligopoly, and monopolistic competition; Single-period and multi-period games; The government policies and their consequences; The firms' strategic behaviors: Price Discrimination, Cooperativeness, Vertical integration, Information and Advertising.

**Required Text:** Modern Industrial Organization, 4th Edition by Dennis W. Carlton and Jeffrey M. Perloff; ISBN-10: 0321180232

**Grades:** Course grades will be based on in-class quizzes (20%); a group project (10%); a midterm exam (30%); and a final exam (40%);extra credit (5%).

Final grades will be assigned as follows: 90+=A; 84-89=B+; 78-83=B; 72-77=C+; 66-71=C; 60-65=D; 59 or less= F;

**Academic Integrity and Grading Policy:**

- Students are expected to maintain Academic Integrity. Therefore, cheating in an exam/quiz will be reported and considered as a serious violation. You may take a look at academic integrity policy at:  
[http://academicintegrity.rutgers.edu/files/documents/AI\\_Policy\\_9\\_01\\_2011.pdf](http://academicintegrity.rutgers.edu/files/documents/AI_Policy_9_01_2011.pdf).
- Students with disabilities must present a letter from the RU Office of Disability Services before the first quiz.
- Only if a student misses an exam due to a cogent reason, s/he will be allowed to take a make-up exam at the end of the course. The make-up exam will be cumulative. The questions and format of the make-up exam may differ from the scheduled exam.

## **Course Outline**

The topics to be covered are listed below. Topics are subject to change as the semester progresses.

Date	Topic	Textbook
16-Jan	Overviews	CH1
18-Jan	The Firm	CH2
23-Jan	The Cost Concepts	CH2
0-Jan	Competition	CH3
30-Jan	Efficiency and Welfare	CH3
1-Feb	Monopoly	CH4
6-Feb	Monopsony	CH4
8-Feb	Cartels	CH5
13-Feb	Price-Fixing laws	CH5
15-Feb	Single-Period Oligopoly	CH6
20-Feb	Multiperiod Games	CH6
22-Feb	Product Differentiation	CH7
27-Feb	Monopolistic Competition	CH7
1-Mar	Structure-Conduct-Performance	CH8
6-Mar	Modern Structure-Conduct-Performance Analysis	CH8
8-Mar	Midterm	
20-Mar	Incentive for Price Discrimination	CH9
22-Mar	Types of Price Discrimination	CH9
27-Mar	Nonlinear Pricing	CH10
29-Mar	Tie-in Sales	CH10
3-Apr	Noncooperative Strategic Behavior	CH11
5-Apr	Cooperative Strategic Behavior	CH11
10-Apr	Vertical Integration	CH12
12-Apr	Vertical Restrictions	CH12
17-Apr	Limited Information About Quality	CH13
19-Apr	Limited Information About Price	CH13
24-Apr	Advertising	CH14
26-Apr	Disclosure	CH14
NG	Final	NG

## **Student-Wellness Services:**

### **Just In Case Web App**

<http://codu.co/cee05e>

Access helpful mental health information and resources for yourself or a friend in a mental health crisis on your smartphone or tablet and easily contact CAPS or RUPD.

### **Counseling, ADAP & Psychiatric Services (CAPS)**

**(848) 932-7884 / 17 Senior Street, New Brunswick, NJ 08901/**

[www.rhscaps.rutgers.edu/](http://www.rhscaps.rutgers.edu/)

CAPS is a University mental health support service that includes counseling, alcohol and other drug assistance, and psychiatric services staffed by a team of professional within Rutgers Health services to support students' efforts to succeed at Rutgers University. CAPS offers a variety of services that include: individual therapy, group therapy and workshops, crisis intervention, referral to specialists in the community and consultation and collaboration with campus partners.

### **Violence Prevention & Victim Assistance (VPVA)**

**(848) 932-1181 / 3 Bartlett Street, New Brunswick, NJ 08901 /**

[www.vpva.rutgers.edu/](http://www.vpva.rutgers.edu/)

The Office for Violence Prevention and Victim Assistance provides confidential crisis intervention, counseling and advocacy for victims of sexual and relationship violence and stalking to students, staff and faculty. To reach staff during office hours when the university is open or to reach an advocate after hours, call 848-932-1181.

### **Disability Services**

**(848) 445-6800 / Lucy Stone Hall, Suite A145, Livingston Campus,  
54 Joyce Kilmer Avenue, Piscataway, NJ 08854 /**

<https://ods.rutgers.edu/>

Rutgers University welcomes students with disabilities into all of the University's educational programs. In order to receive consideration for reasonable accommodations, a student with a disability must contact the appropriate disability services office at the campus where you are officially enrolled, participate in an intake interview, and provide documentation: <https://ods.rutgers.edu/students/documentation-guidelines>. If the documentation supports your request for reasonable accommodations, your campus's disability services office will provide you with a Letter of Accommodations. Please share this letter with your instructors and discuss the accommodations with them as early in your courses as possible. To begin

this process, please complete the Registration form on the ODS web site at:  
<https://ods.rutgers.edu/students/registration-form>.

**Scarlet Listeners**

**(732) 247-5555 / <http://www.scarletlisteners.com/>**

Free and confidential peer counseling and referral hotline, providing a comforting and supportive safe space.