# Econ 310-2: Intermediate Microeconomics II

Northwestern University; 2019 Fall, Tue/Thu, 11:00 am - 12:20 pm, Lutkin Hall **Prof. Scott Ogawa** (sogawa@northwestern.edu; do not use "Canvas Inbox") -- Kellogg (KGH) 3481



Get TA emails in section. Office Hours are typically in Kellogg, on the third floor.

#### **Course Goals:**

(1) Improve abstract reasoning, especially as it relates to the economic topics listed below.

(2) Develop tools used to predict outcomes in both *strategic* and *market* settings.

(3) Gain deeper intuition for economic concepts, especially *efficiency* and *equilibrium*.

(4) Practice problem solving, including both formal logic and numeric calculation.

Week 1	Social choice: Pareto Efficiency	No section
2	Social choice: Arrow and Utilitarianism	_
3	Uncertainty, Expected Utility, and Game Theory	-
4	Game Theory: Simultaneous and Sequential; Cournot and Stackelberg	-
5	Game Theory: Auctions	Midterm Thursday, Oct 24
6	Externalities, Mechanism Design, and VCG	-
7	General Equilibrium: The Edgeworth Box	-
8	General Equilibrium: Welfare Theorems	-
9	Adverse Selection	Midterm Thursday, Nov 21
10	Review Tuesday, no class Thursday	Thanksgiving; No section
Reading	Review sessions and office hours to be announced	No class or section
Finals	<b>Final Exam Tue, Dec 10, 12:00 - 2:00 pm</b> If you miss this exam for any reason then you will need to take the	-

final exam during finals week in a subsequent quarter.

## Grades

Grades will either be based on a percentage (>93.3% is A, >90% is A-, etc) or a curve typical of economics courses (in this course, median set to a B), *whichever is higher for you*. Passing grades (C- or better) will also depend on other factors, including whether you submit all of the problem sets and take all of the exams.

#### Exams (90%)

Your exam total will be based on "highest three" exams, where the final counts double: If you do well on your final, it will count for 60% while your best midterm will count for 30%; If you do poorly on the final, then each of the three exams will count for 30%. This means that you can simply not show up for a *midterm*, though this is a risky strategy that we do not advise. However, if something comes up (such as illness, funeral, or job interview) it will be up to you to decide whether missing a midterm is worth it. (details)

#### Problem Sets (10%)

There will be weekly problem sets that you will do on paper and submit remotely *each Monday at* 12:00 noon. At any time during the quarter *you can simply not submit your problem set: your midterm* exam average will be imputed in its *place*. If you think you have a mostly correct problem set then you should hand it in, especially if you think you might miss (or do poorly on) a midterm. However, if you expect to ace both midterms then it will make no difference whether you submit a perfect problem set or no problem set at all. (details)

#### Participation

Participation will be used for students who fall on a cutoff between two grades. You do not need to prove insight or passion; instead, we want to acknowledge students that remain engaged. We will bump up your grade if the TA's and professor know who you are (or recognize your photo), recall you showing up, and generally feel that you have been a nice classmate. We may bump your grade down if we did not recognize your photo, or if we recall chronic tardiness or other behavior that does not contribute to an environment of learning.

### Resources

Section (Wednesdays)	Office Hours	Textbook and Notes
Section is not required but strongly	All office hours (Prof and TA) will	<i>No required text</i> ; notes will be
encouraged. It is designed to help	be posted on the Canvas home	provided. If you have a copy of
you complete the upcoming	page. I am also happy to meet by	Microeconomics (any edition) by
problem set; or to prepare you for	appointment if you have general	Besanko and Braeutigam, keep it,
the upcoming exam.	concerns about your standing or	but do <i>not</i> go out and buy it.
	progress in the class.	

#### Screens

I strongly encourage you to take notes by hand. If you want to take notes on your computer: *users must sit in a designated part of the first row*. Also, part of the room will be designated for "responsible phone use" while another part will be designated "zero tolerance." All this is subject to change. More generally, please help me and your classmates figure out how to stay focused while in class.

#### Regrades

If you have a regrade request, please *write out your request via a link online*. Generally the original ruling stands: Requests centered on difficult (and unfortunately somewhat subjective) partial-credit decisions will rarely work. We work hard to be as fair as possible; your regrade requests needs to point out a *mistake* or *oversight*, not just an honest disagreement about partial credit. Please try to submit requests within one week of receiving a score.

Links: Accessible NU; Peer-Guided Study Groups; Academic Integrity