1. What would you like to say about this course to a student who is considering taking it in the future?

- Great course! More focused on math though. Not many new economic topics not introduced in Econ 1. Only take if you want to take the econ intuition further with math. Overall, the professor is fantastic.
- This is an excellent course and Professor Abramitzky is a fantastic teacher
- Be prepared to spend a lot of time working on it if you don't have an extensive background in econ
- Take it with Ran! It gives you a pretty good idea of if you want to major in Econ.
- It is a great course, Ran makes it amazing.
- Pretty easy class if you took econ 1 and if taken with Ran it concentrates a lot on the intuition and does not require that much advanced math.
- A MUST TAKE if you're even remotely interested in Econ
- Ran is a good lecturer, very engaging and attentive to the students. I thought the course moved a little slow but I was in the minority there.
- Ran truly cares about the students and is very responsive to feedback. He really wants students to succeed and do well. Having said that, a lot of material is covered and you have to put in the work to do well. Ran provides plenty of office hours if you ever need to discussion any issue with him.
- This is a very well-structured course, with lectures covering the essential knowledges.
- RAN IS THE BEST! Actually though, he really cares about his students and makes the material very fun
- It's a core econ class.
- Ran is fucking spectacular. You're lucky to have such an amazing professor. He creates an inclusive classroom, is fair, and is super nice.<br/>ECON 50 is dry at times, but Ran makes the best of it. He really clearly cares about his students and makes sure you have a support network if you're struggling in the class. Not the most exciting class, but it has its moments.
- Take it if interested in Micro & Considering econ for major/minor
- Study as you go along. The material is cumulative.
- This is a challenging course. Make sure you take the time to understand each concept cover in class and go to office hours to ask questions.
- Take it with Ran! The content of this course is very dry, but he does a good job of showing you how it relates to real life to keep you engaged.
- Great course. Ran and Fanqi are the best!
- If you have taken Econ 1 and liked it and have a basic understanding of multivariable calculus from either CME 100 or Math 51, you should have no problem understanding this class lecture to lecture. The class is organized methodically, and concepts and intuitions will build on top of the one previously introduced. Problem sets are doable as soon as they are released, which means they can be completed over the weekend. Exams are the trickiest part of this class, as they are extremely tight on time. Do the practice exams a week in advance of the tests, and go to the review sessions. There's a lot that accumulates over the quarter that may be hard to catch up on, even if you've understood the lectures individually and have done well on the problem sets.
- Take this class with Prof. Ran
- Definitely take it!
- Ran Abramitzky is an incredible professor! He is entertaining, covers all material at a good pace, and takes time to answer and build upon questions students may have. ECON50 overall was a very rewarding experience, and has given me a new lens from which I can view the world.
- going to lecture is the most efficient way to learn the material
- Stay on top of your classwork, and make sure that when you do problems, ask what point the professor is trying to make.
- This was one of my favourite classes this quarter, so I would definitely recommend taking it!
- I would advise that he take this course. I believe that the subject material is interesting and is very applicable to everyday life.
- Ran is a fantastic professor and you should definitely try to take it with him. This is a challenging class, but you learn a lot by the end. Some may find the material kind of boring, but if you like economics, this is a great class.
- The course is very taught and the exams are very straight forward. It takes lot of work to get the concepts straight. Office hours, and TA sections are very helpful in doing that.
- It is a useful course whether you are an economics major or not. It teaches you a lot of relevant information everyone should know.
- Go to class, try to stay ahead of psets
- Make sure you go to lecture even though it's not at an optimal time in the afternoon. Also, take advantage of office hours. Make sure you can explain the theory behind each problem, rather than just recognize and pair formulas
- Read the book and do all the problems especially extra ones.
• Make sure you review the material a lot. Read the textbook it is pretty helpful. Don't worry about the math.
• ECON 50, is a very challenging course. However you do learn a lot and if you put in the work and do the p-sets and make sure you understand each concept you will have a rewarding experience.
• The consumer theory part of the course is much easier to understand than the producer theory part of the course.
• Pay attention closely in lectures and start studying for exams early.
• Take this class to really get a better sense if you are interested in Economics (ultimately, for me, this wasn't completely the case. But that's what made it a worthwhile academic experience)
• Internalize the notes after every lecture because it moves so quickly.
• I think it is extremely useful to understand how society moves and behaves. I really learned a lot about how the market works, which is something anyone who plans to work in business or in the government should have an understanding of.
• Take it with Ran! He is awesome, actually the best professor ever!!
• This course is very interesting but it is important that you stay up to date with the material. It is also important to utilize office hours.
• It's a little slow paced but you learn a decent amount. The teaching is amazing though
• It's a great class, it may be difficult at first but it will be worth it in the end. Ran is the absolute BEST teacher.
• At times the class feels like learning to apply math without a ton of real-world connections
• Ran is a really great professor. He explains the intuition behind otherwise challenging concepts and makes them easy to understand. I really enjoyed him as a professor
• pretty straight forward, important to get the intuition
• To take it and enjoy it. Its a great course to see if a student is interested in economics or not. The topics can be interested for some people, but maybe dull for others. And if you are interested, such as in my case, it might be that you will enjoy more economics classes.
• Great class. Try to take it with Dr. Abramitzky!
• Ensure that you understand how topics connect to each other.
• Take it with Ran. He is a great teacher. Make sure you stay up to date on the lessons.
• Office hours are very valuable!
• This course delves into the intuitive derivation of the basic principles from Econ 1: consumer and producer theory. Very well organized and taught.
• It's super awesome and really interesting
• first third of the material is review of econ 1. going to class is a necessity because the book works alongside the lecture material.
• when taught by Ran not nearly as horrible as what i've heard in past years<br/>very good teacher, straightforward and clear, fair problem sets and exams
• it's hard
• Study way in advance for the exams.
• don't take it
• While the material is not always incredibly exciting, price theory is fundamental to the study of economics. Ran is an amazing professor who really cares about his students. Exams can, however, be quite challenging and cover a lot of material.
• Very informative—covers a lot of information but managably. I feel like I learned a lot, rather than like they tried to teach me a lot
• Econ 50 is a tough class, not the most interesting class ever, but its skills and concepts are important fundamentals. Ran Abramitzky does a great job making the material as engaging as possible, which is a tough task given the somewhat dry nature of the course material
• Ran is awesome, and the material is super interesting (from a theoretical perspective) - though as someone with a math/computer science background I was expecting a more quantitatively intense class. If you know how to take a partial derivative you have more than enough knowledge for this class
• It's a good class, fast paced but a great foundation class, go to lecture and do the psets
• Its a good class. you learn a lot
• Great course, takes you to the next level in econ
• Do it, but don't let yourself fall behind in understanding the material or it will snowball. Attend lecture.
• Good teacher, good TA's, but the material isn't extremely intellectually stimulating.
• Ran is a great teacher!
• This is a very difficult class and after taking it, you will know roughly how difficult econ will be for you. Similar to what Prof. Abramitzky said
• Significantly more interesting than most students make it out to be. Ran presents the content in a very clean and precise manner.
• Great course. The first half is clearer and better taught than the second half. That's my only complaint.
• Work through psets to help you get a clear conceptual understanding of the class
• Ran is excellent, the material can be a little dry and repetative but not difficult as long as you have the math fundamentals
• Great course for developing mathematical intuition and critical quantitative reasoning. Could be much better with occasional reference to the normative questions with which economics concerns itself.
The content is useful rather than inherently interesting, but Ran makes the class enjoyable

Definitely take it with Ran because he makes the class fun. He's really good at explaining and answering questions. Utilize the homeworks because they predict what will be on the tests.

It's good

Taking it with Ran is a great idea. He makes the class fun.

If you take ECON 50, take it with Ran. He is the most amazing professor I've had at Stanford because he tries to make complicated material simple and makes the class straightforward. He really helps you LEARN

Don't let the problem sets fool you into thinking you're doing well. Make sure you review class notes immediately after class; do the practice problems listed at the end of problem sets; and time yourself as you do these practice problems. The midterm is very important, and you need to prepare continuously to be prepared.<br/>Also, don't bother with the book (unless you're doing practice problems similar to what was taught in class)--what you need to study are the lecture and section notes.

It's not most fun course, but definitely very useful.

It was awesome. Ran was awesome too.

do not take during your season if in sport, office hours would have been very beneficial for me

You will learn a lot in this course, but the pace is quite quick. Make sure to stay on top of the material because it is difficult to catch up. Attend lecture, ask questions in section, and reach out to the Professor if you are confused.

Take the time to read the textbook before going to class because it helps since most of the material is new for everyone.

Study up for the midterm. Try and find something valuable to help you study. Work on your own psets.

Professor Abramitzky is an amazing professor; he truly seems to care about his students' learning, and he does a great job explaining the intuition behind the concepts presented. The concepts and problem sets can be challenging, but the office hours and sections are incredibly useful. The exams and problem sets, with these resources, seem pretty fair.

It is a lot of review of AP econ classes, but there's some new stuff as well. Be sure to understand all of the subtleties, because that is what will show up on homeworks and tests

2.

Would you like to provide any other comments about this course?

Great professor!!!

Excellent job

I think the instructor could have been a bit more clear, but also hard to say because the course material is quite difficult. Perhaps running through more practice problems with real numbers in lecture as examples instead of vague/generalized examples would have helped me understand topics better.

I wish I had come to your office hour to chat with you but I did not have the time.

Ran is the best professor I have had. He cares deeply about his students and explaining the material to his students is his first priority. Many professor just want to screw kids over on exams, but Ran wants you to learn, and gives you fair exams. I will never forget Ran. He is an amazing person with a great heart. Other professors should learn from him because he really cares about each individual student. Thank you Ran!

Please for the sake of future students learning make it harder. It was way to easy for a 5 unit class and did not provide much more coverage than econ 1

My easiest class of the quarter, NOT because of material, but because the teaching was so strong that I felt confident about every topic after leaving lecture.

Ran was an excellent professor and I really enjoyed this course. I wish the grading had been more consistent across TAs though.

Great professor!

Instructor has a great sense of humor =)

I don't usually learn well in lecture classes, but Ran's pedagogy made it easy for me to break down what I learned in lecture into understandable chunks. My only wish was that this class taught me more about how this actually applies to the real world. I felt like I understood the economic concepts, but it would be great if Ran could include more asides with real-world examples of where all these concepts come into play.

Econ 50 is a wonderful course taught by an incredible professor. I would've enjoyed it even more if the 'B' requirement for economics wasn't always looming at the back of my mind. Nevertheless, an extremely transformative class. I couldn't speak more favorably about the material and Ran in general.

no

The lectures felt a little too slow. Speeding up the course and shortening the lecture time might be helpful

Excellent continuation to the core introductory Econ series. I liked how the class built upon Econ 1 material and was more rigorous in math and proving a few concepts that were introduced prior to this class. One complaint I would like to make is that I was expecting there to be more discussion of real life economic trends. I feel the class was a bit too theoretical, and I would have loved to see an application of what we were discussing to what's currently going on in the economy. I've heard from others Econ core, from Econ 1 to Econ 52, is a bit tedious and long, and that the interesting material all comes later. I found Econ 50 to be quite enjoyable, but I would agree that the class could be made more exciting by including a more current discussion.
This is a great class, especially with Prof. Ran. Make sure to go to office hours and TA sections and office hours!

Ran is the best! If you can, take ECON50 with Ran Abramitzky!

Ran is excellent and would highly recommend him to any student looking to take a class under his instruction.

This was a great course

This class definitely reaffirmed my decision to continue economics. Thanks, Ran, for a fantastic class!

The material for this course is really great falling Econ 1 where concepts are just generally presented. This course is deeper and more exciting.

Very well taught, very enjoyable experience with Ran, gained a lot of knowledge. Teaching style was great overall very happy with the class

No I really liked it, Ran's tests and problem sets were VERY fair and I think he is one of the nicest professors I have ever had.

At times I felt very overwhelmed with the amount of information that was delivered during lecture. I wish we had taken a break in between so that I could process what was being taught.

Ran is one of the best instructors I've ever had at Stanford. He's clear when teaching, has a great sense of humor, and cares about his students. The only suggestion I might make is to consider using Piazza :)

I think the professor is very good. I actually think the lectures were one of the best taught I have experienced while at Stanford.

It would have been nice if the time of office hour sessions changed each week. early on in the quarter i was unable to attend office hours because of my sport.

I liked it better when we were going at a faster pace. I think slowing it down made it harder to pay attention in lecture.

Meeting three times a week for shorter periods might be more effective than twice for so long

Ran is great! Incredibly caring and friendly professor who taught quite well

great course, thought the amount of content covered was great, solid content

It was great overall: great teaching, good content and excellent organization.

Dr. Abramitzky was a great teacher! Really knew his stuff and could explain it well to us. Can't say enough good things about him. Exams were fair, homework was helpful, and he was always eager to talk to us outside of class. Very accommodating towards students.

Great course. Will be taking Econ 51.

Great course! Loved it.

No

n/a

no

In the future, I would recommend breaking this class up into 3 or 4 days a week with shorter lecture lengths. I believe the shorter classes would have enabled me to better absorb the material as they would have enabled me to focus for the entire class time.

nope

none, it was great

Nope

Ran is excellent at explaining economic concepts in lecture. What really frustrated me in this course was that when I didn't understand or remember a previous concept, there was no reference text to look at (the textbook is.... useless). Ran's powerpoints were what helped me, but I would suggest writing the main things down there in ways that will be obvious not only to those also listening during lecture, but also to those re-visiting the material they didn't understand later.<br/>Also, I'd suggest longer sections or twice a week, so that we can do more problems with guidance during section.

Solid course. Just solid. Not many cons, but not many pros either.

Ran is an incredibly good teacher, nice guy, and very understanding. He was cordial when I talked to him about having difficulty in class. It is difficult trying to accommodate different levels of math background. Still, I don't feel that math 51 prepared me for this course at all. In fact, math 51 focuses on math unrelated to econ. Also, I feel that most of the TAs were very helpful and understanding to their students, with the exception of Shi fan Shi (I think that is his name). He gives off the air that econ is easy and genuinely does not understand how students could be struggling with it. This is probably not his actual sentiment, but he definitely gives off this impression

Ran is one of the best professors I've had at Stanford. He explains everything extremely clearly and explicitly states that he will give us X number of ways to see the same problem!! Ran really cares about what we learn in class and that we are all on the same page. He makes sure that the problem sets are not just extra problems, but emphasizes that each problem was chosen to teach a specific concept. I agree completely! The problem sets were extremely helpful in my learning. I liked that Ran updated the lecture slides very quickly and was always willing to speak with students in and outside of class. Overall, it was a fantastic learning experience!

Thanks for a great course!

Ran is tremendous, and I hope to take classes with him again

Ran is awesome!!

no

After the mid quarter evaluations, the class became less organized, I think because Ran wanted to spend more time on each topic. Having the topics carry over into other class sessions, however, was confusing for me.
Ran Abramitzky is a wonderful teacher. He engages his students, cares about every individual's progress, is open to suggestions and criticism, and teaches in a very approachable way.

Expectations on readings were not realistic. Textbook was huge, and not necessary to understand the material presented in lecture.

I recognize that there was a lot of material to cover in Econ 50, but I think that Ran did an excellent job of making the information digestible. He was always extremely available to students and willing to help out. Thank you so much Ran for your continuous efforts and support, I truly appreciate it.

NA

Thank you Ran! It'd be great if we knew more about what was to come, as this class honestly dissuaded me from being an econ major (the core isn't technical enough to really interest me / pick up skills, but is tedious enough to be tough to go through)

3.
How many hours per week on average did you spend on this course (including class meetings)?

- 10
- 15
- 8
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- 4
- 15
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- 6
4.

What skills or knowledge did you learn or improve?

- More in-depth economic analysis - more of a focus on mathematics
- every field of micro
- Consumer theory and producer theory, and more generally, constrained optimization (along with a multitude of other concepts)
- Thinking like an economist
- Learned a lot of basic ideas/economic theory
- Note taking, drawing graphs, understanding concepts rather than memorizing.
- I understand Economics at a much deeper level thanks to Ran. He is THE best professor I have had at Stanford.
- It was all pretty much econ 1, so other than that just some more advanced elasticity and a couple new graphs.
- Microeconomics (all of it)
understanding of consumer/producer theory

I learned the basics of intermediate microeconomic analysis—from understanding consumer and producer theory to understanding comparative statics in greater detail. I really appreciate how the course takes the math we are required to take in math 51 and builds upon it.

analyze economics from a mathematical perspective

Understanding the basis of microeconomics

microeconomics

I definitely gained more confidence in applying math to economics problems.

I have a much greater appreciation for economics in general. I have developed a much more sophisticated intuition in regards to those basic economic concepts presented in Econ 1.

the intersection of quantitative and qualitative analysis. How to apply math to the various concepts

I learned a lot about the math behind the economic principles covered in econ 1.

I gained a lot of economic knowledge and concepts

I learned how to solve economic problems a bit more robustly using math. We spent a heavy portion on the class on basic consumer and producer theory, and I feel confident that I now understand what underlies market supply and demand with this model.

Economic intuition and a lot of Consumer and Producer theory basics!

Analysis and Intuition

I learned a great deal about a deeper level of microeconomics, including where the demand and supply curves are derived from.

All economics skills, elasticities, etc

My calculus and application of outside concepts to solve new problems.

Optimization<br/>Economic fundamentals/intuition

I improved my ability to analyze situations the way an economist might

General problem solving. I learned so much in this class and have a better intuition for economics.

How the demand and supply functions are derived<br/>Long term and short term supply

Comparative statics

I learned about producer and consumer theory and expanded my knowledge on basic economic principles.

Economic analysis, calculus based economics, modeling of utility/protection function

Economic Theory

Understanding Econ problems

Economic theory's, how to solve Econ with math

This class taught me how to think about optimizing.

I learned about consumer and producer theory in microeconomics.

Understanding more formal and mathematical reasoning behind important economic principles.

Improved my intuitive thinking

I think I really got a better sense of what economics is and what it all means because in Econ 50 we got to learn about the math and thought process behind the graphs.

Economics in general. This class is taught so well!

My understanding of consumer and producer theory increased significantly. Taking this class i learned that i want to major in economics.

I have a deeper understanding of the meaning of supply/demand curves and the math used to derive them. Also have a deeper understanding of evaluating consumer and producer choices

I improved on my skills to analyze consumer and producer theory as well as how to think about problems intuitively and mathematically

math

Economic analysis, critical thinking, effects of policy decisions, intuition behind basic principles that dictate our everyday lives

Long run short run, competition vs monopoly

My economic analysis skills greatly increased. I learned a lot about microeconomics, including consumer and producer theory.

More economics

Economic Intuition

My ability to reason and apply mathematics to economics problems improved greatly

Applying calculus concepts to microeconomics.

Microeconomic analysis or consumer and producer theory.

Economic analysis

all of the material was new to me. i feel like i understood most if it pretty well by the end of class. and i was able to solidify the knowledge that i gained in Econ 1

problem solving, application

N/a

More knowledge of micro

many

I learned a great deal about the theory behind the supply and demand curves.

Microeconomic thinking, consumer theory, producer theory, learned about revealed preference and utility
curves, learned where supply and demand come from, how substitution and income effect change quantity demanded
- I learned the fundamental skills and principles of intermediate microeconomics quite well. I expanded my economic mathematical knowledge and deepened my understanding of the economic concepts I learned in Econ 1.
- I learned to think critically about the ways in which people make decisions
- I learned how to study for a really fast paced course
- Producer theory<br/>consumer theory<br/>profit max<br/>cost min<br/>utility curves/production curves
- Almost everything there is about the underlying theories of economics. A lot!
- Microeconomics... the stuff that was covered.
- Applying more advanced mathematics techniques into economics
- This was a difficult course for me because I had to apply math to more conceptual economics concepts. I think I really learned how to apply math to economics through this quarter
- Economic analysis skills
- Lots of great analysis of supply and demand and how to understand the many different scenarios of profit max, utility max, cost min
- A lot of skills...
- I learned how to mathematize and solve economic problems rigorously and with a critical eye.
- Using math in economics. Actually understanding the concepts instead of memorizing.
- problem-solving, econ
- Better economic analysis! Understanding truly where supply and demand come from.
- I learned about utility, consumer preferences, profit maximization, cost minimization, and firm production choices
- More detailed treatment of Microeconomic material from Econ 1, including a basis of Math, that made the topic much more rewarding to learn.
- I learned a lot about economics and what makes markets move and change
genreal intuition of micro, also how numerous concepts are connected.
- I gained a lot of exposure regarding topics in microeconomics. I learned a lot about supply, demand and other imperative subjects.
- Almost everything that I learned about consumer and producer theory was completely new knowledge for me.
- How to understand what's behind the graphs in economics
- I will most take away a really solid understanding of the relationships between TC/AC/MC/MU/MR/AVC and their patterns as consumers and producers make their financial decisions.
- I learned a lot of more subtle aspects of econ that I had not been introduced to in the past. I found indifference curves and isoquants to be a much more difficult and more accurate version of things that I have seen in the past, so I think that I have gained a more accurate idea of how econ actually works from applications such as that