

San Jose State University, Department of Economics
Econ 138, Business and Economic Forecasting
Spring 2023

Professor: Dr. Ruxandra Boul, ruxandra.boul@sjsu.edu

Classroom: DMH 165

Office Location: DMH 144

Day/Time: Thursday 6-8:45 pm

Office Hours: In person, Thursday 3:30 pm to 5:30 pm, or virtual, by appointment, via Zoom.

Course Description

This course introduces students to the econometric analysis of time series data.

Given that the format and content of this course is quite different than that of typical economics courses, it is especially important that you stay on top of your homework and regularly practice your new skills. Unlike many of your other courses, this is not a course in which you can cram at the last minute! Should you miss a class, it is extremely important to find out what you missed – preferably by contacting one of your fellow students – and to practice lab activities on your own. Being proactive about seeking help is similarly important in achieving a successful outcome. Please ask questions when you do not understand the lecture, laboratory activities, or readings -- asking questions and offering ideas is welcomed and encouraged!

Software Requirements

You will have to download and install R, available at <https://cran.r-project.org/> and Rstudio, available at <https://posit.co/downloads/> (the free reW* nBT/TT0 i(D 6121re)6 (m)-6 Td(.r4ucTETQ((theq[(th)4 (ds)TETQ 0 61

Important advice to be successful in this course:

- This course is likely to be more technical than many of your other classes. It generally requires more practice, and you must strive for a solid understanding of the material.
 - The course is, by nature, comprehensive, and poor performance early on will lead to poor performance throughout the semester.
 - It is a good idea to study in pairs or groups. Make new friends and exchange phone numbers and names early in the semester.
 - first look to the lecture notes and the textbook for clarification. If you have questions, please write them down and make an appointment with me on Zoom.
 - You can email me questions that require answers that are not longer than one or two sentences. It is much better to arrange a Zoom meeting to discuss your more complex questions.
- Please allow 24 hours for both email replies and appointment requests.**

COURSE OUTLINE*

Day	Time	Topic	Section
Mon	2	Introduction	
Tue	2	Linear Algebra	
Wed	4	Calculus	
Thu	6	Calculus	
Fri	2	Calculus	
Sat		Calculus	
Sun		Calculus	
Mon	6	Calculus	
Tue	3	Calculus	
Wed		Calculus	
Thu		Calculus	
Fri	0	Calculus	
Sat	7	Calculus	
Sun	4	Calculus	
Mon	1	Calculus	
Tue		Calculus	

* Subject to adjustments

University Policies

Per University Policy S16-9, relevant university policy concerning all courses, such as student responsibilities, academic integrity, accommodations, dropping and adding, consent for recording of class, etc. and available student services (e.g. learning assistance, counseling, and other resources) are listed on Syllabus Information web page at <https://www.sjsu.edu/curriculum/courses/syllabus-info.php> Make sure to visit this page to review and be aware of these university policies and resources.