Subject	Introductory Econometrics II (E)	Semester, Date and Period of the class	Spring Tuesdays, 4th period
Subject selection	Basic Specialized Course	Years	1-2
Instructor	Maria MARTIN-RODRIGUEZ (Graduate School of Economics)		
Office hour	Available upon request		

Course Aims: The course aims to emphasize the differences across several inferences, so that students can correctly identify the test statistics to be used in each case and to interpret the results.

Course Objectives : At the end of the course, students will be able to test hypotheses about different parameters when only one population is involved, to test hypotheses regarding differences and ratios of parameters when two populations are involved, and to test hypotheses concerning the linear correlation coefficient and the slope of the line of best fit.

Class content

1 (*April 13*)	Review of the Statistical Inference covered in Econometrics I.
2 (*April 20*)	Inferences Involving One Population: Inferences about the Mean, Variance Unknown.
3 (*April 27*)	Inferences Involving One Population: Inferences about the Variance.
4 (*May 11*)	Inferences Involving One Population: Inferences about the Binomial Probability of Success.
5 (*May 18*)	*Review of Problem Set 1.*
6 (*May 25*)	*Summary and Partial evaluation 1.*
7 (*June 1*)	Inferences Involving Two Populations: Mean Difference.
8 (*June 8*)	Inferences Involving Two Populations: Difference Between Proportions.
9 (*June 15*)	Inferences Involving Two Populations: Ratio of Variances.
10 (*June 22*)	Linear Correlation and Regression Analysis 1: Linear Correlation Analysis and its Inferences.
11 (*June 29*)	Linear Correlation and Regression Analysis 2: Linear Correlation Analysis and its Inferences.
12 (*July 6*)	Linear Correlation and Regression Analysis 3: Confidence Intervals and Interpretations.
13 (*July 13*)	*Review of Problem Set 2.*
14 (*July 20*)	*Summary and Partial evaluation 2.*
15 (*July 27*)	*FINAL SUMMARY AND EVALUATION.*

Grading Methods and Criteria: 2 partial evaluations (30% each) and a final evaluation (40%). Getting a total average above 60% is necessary to pass the course.
The course withdrawal system applies to this course. The deadline to withdraw is May 28th.

Instructions for Out-of-Class Study: Students must read the chapter in the book corresponding to each weekly lecture in advance. They should also attempt to solve the problem sets by themselves before the solution is provided.

Textbooks and Reference books:
Course materials will be distributed via NUCT.
Texbooks:
Johnson, R., Kuby, P., 2012. Elementary Statistics. *International edition of the 11th revised edition, Cengage Learning.*
Reference books: to be announced in class if necessary.

Prerequisites/Related Courses/Notice to students:
While there are no prerequisites, this course is recommended for students who have taken Econometrics I.