



SACRAMENTO STATE

Economics 140: Quantitative Economic Analysis **Section 3 (TR 3:00-4:15 p.m.)**

Instructor: Brian P. Rosario
Office Hours: 1:15-2:15 R, 4:30-5:30 p.m. T
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Office: Benecia 1019
Class

Class Meetings: Our class is scheduled to meet Tuesdays and Thursdays 3:00-4:15 p.m. Unless otherwise specified, we will meet at AMD 217 every Tuesday, and transfer to MRP 1011 on Thursdays.

Class Webpage: Sac CT

Course Description:

Examination of the basics of conducting quantitative economic analysis. Included are basic concepts and methods of data analysis and research. Students will examine economic data using spreadsheets, will develop presentation skills, and be introduced to career opportunities. **Prerequisite:** ECON 1A, ECON 1B; STAT 1. **Units:** 3.0.

Required Text: Koop, Gary, Analysis of Economic Data (4th Edition)

Grading: The grades will be determined as follows:

Homework Problem Sets (10 HW)	20%
Exam 1	30 %
Exam 2	30 %
Final Group Project	<u>20 %</u>
	100%

A homework assignment will be assigned approximately every week for roughly the first 11 weeks of class. The assignment will be made available on Sac CT. I will not accept late assignments. I will drop your lowest homework before calculating your final grade.

The group project requires the completion of a paper similar to the ones that you will do alone in Econ 145. The paper requires the utilization of research and computer skills, as well as basic econometric techniques introduced in class. It should be completed by the end of the term. The project will have a graded written component as well as a graded oral presentation. More details regarding the project will be given later in the semester.

Grading Scale:

95-100%	A		74-76.99%	C
90-94.99 %	A-		70-73.99%	C-
87-89.99%	B+		67-69.99%	D+
84-86.99%	B		64-66.99%	D
80-83.99%	B-		60-63.99%	D-
77-79.99%	C+		Below 60%	F

Please note that you need a C or better in this class to graduate with a B.A. in Economics.

Additional Policies:

1. Academic honesty is required. A student will receive a grade of zero on any work in which dishonesty occurs.

DEFINITIONS OF ACADEMIC DISHONESTY

A. Cheating. At CSUS, cheating is the act of obtaining or attempting to obtain credit for academic work through the use of any dishonest, deceptive, or fraudulent means. Cheating at CSUS includes but is not limited to:

1. Copying, in part or in whole, from another's test or other evaluation instrument;
2. Using crib notes, "cheat sheets," or any other device, including electronic devices, in aid of writing the exam not permitted by the instructor;
3. Submitting work previously graded in another course unless doing so has been approved by the course instructor or by department policy.
4. Submitting work simultaneously presented in more than one course, unless doing so has been approved by the respective course instructors or by the department policies of the respective departments.
5. Altering or interfering with grading or grading instructions;
6. Sitting for an examination by a surrogate, or as a surrogate;
7. Any other act committed by a student in the course of his or her academic work that defrauds or misrepresents, including aiding or abetting in any of the actions defined above.

B. Plagiarism: Plagiarism is a form of cheating. At CSUS plagiarism is the use of distinctive ideas or works belonging to another person without providing adequate acknowledgement of that person's contribution. Regardless of the means of appropriation, incorporation of another's work into one's own requires adequate

identification and acknowledgement. Plagiarism is doubly unethical because it deprives the author of rightful credit and gives credit to someone who has not earned it. Acknowledgement is not necessary when the material used is common knowledge. Plagiarism at CSUS includes but is not limited to:

1. The act of incorporating into one's own work the ideas, words, sentences, paragraphs, or parts thereof, or the specific substance of another's work without giving appropriate credit thereby representing the product as entirely one's own. Examples include not only word-for-word copying, but also the "mosaic" (i.e., interspersing a few of one's own words while, in essence, copying another's work), the paraphrase (i.e., rewriting another's work while still using the other's fundamental idea or theory); fabrication (i.e., inventing or counterfeiting sources), ghost-writing (i.e., submitting another's work as one's own) and failure to include quotation marks on material that is otherwise acknowledged; and

2. Representing as one's own another's artistic or scholarly works such as musical compositions, computer programs, photographs, paintings, drawing, sculptures, or similar works.

2. Come to class on time. No extra time will be given to those late for exams.
3. Attendance is required. Students with excessive absences, defined as missing at least 20 percent of the total class time) will receive a U.
4. A person who has a documented illness would be given a makeup exam, provided that acceptable documentation is provided. Students who miss an exam without a valid excuse (to be determined by your instructor) will not be given a make-up exam. Failure to provide the required documentation within one week from the date of the exam would result to a grade of zero for the exam.
5. Requests for re-grades should be done within one week after an exam is handed back. Keep the all your exams and quizzes and problem sets until after receiving your final grade, for future reference.

Tentative Schedule

Week	Topic/ Readings (Koop)
1	Chapter 1: Introduction + Excel Review
2	Chapter 1: Mathematical Concepts
3	Chap 2: Basic Data Handling
4	Chap 3: Correlation
5	Chapter 4: Intro to Simple regression
6	Chap 5: Statistical Aspects of Regression
7	Hypothesis Testing; Exam 1 (10/10 Thursday) <i>Exam 1 covers Chapter 1-5 only</i>
8	Chap 6: Multiple Regression
9	Chap. 7: Dummy Variables

10	Chap 6, 12: Common Problems with Multiple Regression
11	Chapter 8-10: Time Series Regression
12	Chapter 8-10: Time Series Regression
13	Exam 2 (11/21 Thursday) <i>Exam 2 covers Chapter 6-10, 12 only</i> Project Preparation
24	Thanksgiving Break
15	Group Project Presentation (12/3-5)
Finals Week	12/12 Final Group Project Due Date at 11 a.m. via Canvas