

California Lutheran University

Bachelor's Degree for Professionals

General Information

Course: Econ 311 – A1 Statistical Methods

Term: Spring 2016 (2/29/16 – 5/12/16)

Classroom: On-line

Class Meeting Time: M 6:00 – 7:30pm

Drop Dates

March 14th: Last day to drop without financial penalty

April 11th: Last day to withdraw without academic penalty

Instructor

Instructor: Kirk Lesh

E-mail: klesh@clutheran.edu

Office Hours: TBD or by appointment via Blackboard

Course Description

The basic methods in analysis of central tendency, dispersion and probability distributions. Prerequisite: Math 115 or Math 245 or Math 251 or equivalent.

Textbook/Additional Resources

Essentials of Modern Business Statistics with Microsoft Office Excel by Anderson, Sweeney, and Williams, 6th edition

Lynda.com via BlackBoard – this is an on-line resource that provides additional help with Excel

Custom videos – videos I made to help students better understand the material

Course Outcomes

Lecture Topics	PSLO	Blooms
Using Excel	Information Literacy and Computer Skills	2
Descriptive Statistics	Information Literacy and Computer Skills Statistical Data Analysis Evaluation	2 2 1
Statistical Inference	Information Literacy and Computer Skills Statistical Data Analysis Evaluation	2 2 1

Class Format

This course is a fully online course. As such, students will be expected to watch videos prior to attending the live chat session. This fully online course is no more or less challenging than a traditional course. This course was developed to meet Cal Lutheran's strict requirements for academic excellence.

Course Schedule

	Lecture Topics	Content Source	ILH	Activities	Assessments
	Using Excel				
	○ Up and Running with Excel 2016	Lynda.com	1h 10m	Watch the entire video.	
	○ Excel 2013: Working with Charts and Graphs	Lynda.com	1h 29m	Watch the entire video.	
	○ Excel 2016 Essential Training	Lynda.com	8h 51m	Watch the entire video.	
Week 1	Data and Descriptive Statistics	Chapters 1-2	1.5h 4.0h	Lecture Videos	Homework
Week 2	Descriptive Statistics	Chapters 3	1.5h 2.0h	Lecture Video	Homework
Week 3	○ Probability	Chapter 4	1.5h 2.0h	Lecture Vidoe	Homework
Week 4	○ Discrete and Continuous Random Variables	Chapters 5-6	1.5h 4.0h	Lecture Watch video	Homework
Week 5	○ Random Sampling	Chapter 7	1.5h 2.0h	Lecture Watch video	Homework
Week 6	Mid-Term				

Week 7	Statistical Inference ○ Interval Estimation ○ Hypothesis Testing	Chapters 8 and 9	1.5h 4.0h	Lecture Watch video	Homework
Week 8	○ Statistical Inference	Chapters 10 and 11	1.5h 4.0h	Lecture Watch video	Homework
Week 9	○ Linear Regression	Chapters 12 and 13	1.5h 4.0h	Lecture Watch video	Homework
Week 10	○ Quality Control	Chapter 14	1.5h 2.0h	Lecture Watch video	Homework
Week 11	Final Exam				

Carnegie Hours

Activity	Instructor-Led		Independent		Remarks
	Weekly	Course	Weekly	Course	
Lecture	1.5	16.5			
Videos	Varies	28.0			
Office Hours	1.0	11.0			
Readings			Varies	44	Four hours to read each chapter.
Homework			Varies	44	Four hours per homework assignment.
Totals		55.5		88	

Student Evaluation

Grades will be composed of the following items.

<u>Assignment</u>	<u>Percent of Grade</u>
Homework	20%
Mid-Term	40%
Final	40%

Grading

<u>Grade</u>	<u>Percent</u>
A	94 or higher
A-	90 – 93
B+	87 – 89
B	84 – 86
B-	80 – 83
C+	77 – 79
C	74 – 76
C-	70 – 73
D+	67 – 69
D	64 – 66
D-	60 – 63
F	59% or less

Homework Assignments

Homework will be assigned at the end of every chapter. Homework assignments are due at the beginning of the following class. Students are expected to turn in all homework on time. **Late homework will not be accepted.**

Attendance Policy

All students must attend the live chat sessions. Should a student miss a live chat for any reason it is the student's responsibility to watch the video archive of the session.

Cal Lutheran Online or Blended Course Technology Requirements

In order to participate in a fully online course at California Lutheran University, you will need the following hardware, software, and capabilities. These are the minimum requirements; specific courses may have technological needs above and beyond this list.

1. If you have a Windows operating system
 - a. Browser: Firefox or Chrome
 - b. Java 7 or Java 8

2. If you have a Mac OS or Ubuntu
 - a. Only use Firefox
 - b. Oracle Java 7
3. Linux
 - a. Only use Firefox
 - b. Java 7 or Java 8
4. Blackboard Collaborate Launcher (can download when you first attempt join a Collaborate room in your Blackboard course)
5. 256 MB RAM
6. 20 MB free disk space
7. Internet Access - 28.8 kbps speed or above (Broadband connection highly recommended)
8. Soundcard
- 9. A headset with microphone/headphones**
10. Program(s) that can open .doc, .ppt, and .pdf documents
11. Optional:
 - a. Webcam (recommended)
 - b. Blackboard Learn App
 - i. Download from your devices' app store, select California Lutheran University as the school and sign in via myCLU

Check your OS and internet browser at: www.thismachine.info

Course Evaluations Statement

All course evaluations are now conducted online. Your feedback is important to us. You will receive an email message reminding you when the website is open for your feedback. The link is: <http://courseval.callutheran.edu>

Disability Statement

California Lutheran University is committed to providing reasonable accommodations in compliance with ADA of 1990 and Section 504 of the Rehabilitation Act of 1973 to students with documented disabilities. If you are a student requesting accommodations for this course, please contact your professor at the beginning of the semester and register with the Disability Support Services

Coordinator, Wendy Jimenez, for the facilitation and verification of need. The Disability Support Services Coordinator is located in the Center for Student Success Office located at 3259 Pioneer Street, and can be contacted by calling 805.493.3260 or emailing wjimene@callutheran.edu.

Statement on Academic Honesty

The educational programs of California Lutheran University are designed and dedicated to achieve academic excellence, honesty and integrity at every level of student life. Part of CLU's dedication to academic excellence is our commitment to academic honesty. Students, faculty, staff and administration share the responsibility for maintaining high levels of scholarship on campus. Any behavior or act which might be defined as "deceitful" or "dishonest" will meet with appropriate disciplinary sanctions, including dismissal from the University, suspension, grade F in a course or various forms of academic probation. Policies and procedures regarding academic honesty are contained in the faculty and student handbooks.

Plagiarism, cheating, unethical computer use and facilitation of academic dishonest are examples of behavior which will result in disciplinary sanctions. Plagiarism includes, but is not limited to:

- word for word copying without using quotation marks or presenting the work as yours
- using the ideas or work of others without acknowledgement
- not citing quoted material. Students must cite sources for any information that is not either the result of original research or common knowledge.

Standards of Student Conduct Statements:

- [Student Life Handbook](#)
- [Academic Honesty Statement](#)

University Harassment Policy

Be civil to each other, both on- and offline. For information on the University's **student harassment policy and rights, please go to the following link:**

[Student Life Handbook](#)

Sexual Misconduct

California Lutheran University does not tolerate any degree of sexual misconduct on or off-campus. We encourage you to report if you know of, or have been the victim of, sexual harassment, misconduct, and/or assault. If you report this to a faculty member, she or he must notify Cal Lutheran's Title IX Coordinator about the basic facts of the incident. More information about your options for reporting can be found at: <http://www.callutheran.edu/title-ix/>

Pearson Library

Pearson Library provides access to scholarly books, journals, ebooks, and databases of full text articles from scholarly journals. To begin using these materials, visit the library web page <http://www.callutheran.edu/library>

There are many ways to contact Pearson Library for research assistance, no matter where you are!

- Email Yvonne Wilber (Professionals liaison) at ywilber@callutheran.edu
- General Library email: CLUlibrary@callutheran.edu
- Library main phone: 805.493.3250
- Text us your question: 805.493.3867
- Get more help at: <http://www.callutheran.edu/library/help/>

CLU Writing Center

The Writing Center provides 1:1 writing consultations, in-person and online, with trained undergraduate and graduate writing consultants. We welcome all writing-related projects at any stage of the writing process across the diverse disciplines of study at Cal Lutheran. The Writing Center also hosts writing workshops, provides in-class visits, facilitates writing groups, and offers a writer's studio option for longer, sustained projects. Services suit writers of all levels, including traditional undergraduates, graduate students from all fields, all English language learners, and accomplished scholars alike. All members of the Cal Lutheran community with an @callutheran.edu email address are welcome to make use of our services. For more information, please visit at www.callutheran.edu/writing_center or call 805.493.3257. Please schedule appointments online through MyCLU Blackboard with the yellow "The Writing Center" icon in "Tools," or stop by The Writing Center itself, located in the Darling Collaboration Suite of Pearson Library.

Veterans Resources

If you are a veteran, military member, or a family member of a veteran or military member, please refer to Cal Lutheran's Veterans Resources webpage for important information: <http://www.callutheran.edu/veterans/> Also, if you are a veteran receiving benefits and

you are struggling in a class, you most likely qualify for free tutoring. Please contact the Veterans Coordinator, Jenn Zimmerman, veterans@callutheran.edu or 805.493.3648, for more information.

Help Desk

Students may contact the Help Desk about telephone, network, wireless network, software questions password problems, hardware problems, and general consultation (i.e. you cannot log into your MyCLU portal, or you are having problems with Blackboard). Please click on the following link for more information http://www.callutheran.edu/iss/technology_services/helpdesk.php or call: 805.493.3698

Disclaimer

This syllabus may change from time to time to accommodate changing circumstances. Every effort will be made to alert students in a timely manner.