

## SPRING 2022

### Elementary Probability and Statistics Lab

*Lab Instructor:* Ken Claudio Beltrand  
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**Course Description:** All students enrolled in MATH 1680.130 must also be enrolled in one of the following lab sections:

- MATH 1680.131 M 8:00am-8:50am GAB 511 Ken Beltrand
- MATH 1680.132 M 9:00am-9:50am GAB 511 Ken Beltrand
- MATH 1680.133 M 10:00am-10:50am GAB 511 Ken Beltrand

**Grading Policy:** In each lab session, you will practice designing statistical studies and analyzing and organizing data using Excel. Your performance on these lab projects will count for 13%(1% each) of your MATH 1680 course grade.

**Technology:** Excel and you are welcome to bring a scientific or graphing calculator to each lab session.

#### Lab Schedule:

	Date	Lecture	Assignment
M	17-Jan	MLK DAY	
W	19-Jan	1.1, 1.2	Lab 1: Knewton Alta & StatCrunch Survey
F	21-Jan	1.3,1.4	
SUN	23-Jan		HW 1.1, 1.2, 1.3, 1.4
M	24-Jan	1.5	
W	26-Jan	2.1	Lab 2: Designing a Statistical Study
F	28-Jan	2.2	
SUN	30-Jan		1.5, 2.1, 2.2
M	31-Jan	2.5, 2.6	
W	2-Feb	2.7	Lab 3: Organizing Qualitative Data
F	4-Feb	3.1	
SUN	6-Feb		2.5, 2.6, 2.7
M	7-Feb	3.2,3.3	
W	9-Feb	3.4	Lab 4: Organizing Quantitative Data
F	11-Feb	3.5	
SUN	13-Feb		3.1, 3.2, 3.3
M	14-Feb	4.1	
W	16-Feb	4.2	Lab 5: Numerical Summaries
F	18-Feb	Exam 1 Review	
SUN	20-Feb		3.4, 3.5

M	21-Feb	Exam 1 (Chapter 1-3)	
W	23-Feb	4.3	Lab 6: Algebra Review
F	25-Feb	4.4	
SUN	27-Feb		4.1, 4.2, 4.3, 4.4
M	28-Feb	5.1	
W	2-Mar	5.2	Lab 7: Correlation & Regression
F	4-Mar	5.3	
SUN	6-Mar		5.1, 5.2, 5.3
M	7-Mar	5.4	
W	9-Mar	5.6	Lab 8: Probability
F	11-Mar	Catch Up	
SUN	13-Mar		5.4, 5.6
M	14-Mar	SPRING BREAK	
T	15-Mar	SPRING BREAK	
W	16-Mar	SPRING BREAK	
TR	17-Mar	SPRING BREAK	
F	18-Mar	SPRING BREAK	
SUN	20-Mar	SPRING BREAK	
M	21-Mar	6.1	
W	23-Mar	6.2	Lab 9: Contingency Tables
F	25-Mar	7.1	
SUN	27-Mar		6.1, 6.2
M	28-Mar	7.2	
W	30-Mar	7.3	Lab 10: Discrete Random Variables
F	1-Apr	Exam 2 Review	
SUN	3-Apr		7.1
M	4-Apr	Exam 2 (Chapter 4-6)	
W	6-Apr	8.1	Lab 11: Binomial Distribution
F	8-Apr	8.2	
SUN	10-Apr		7.2, 7.3
M	11-Apr	9.1	
W	13-Apr	9.2	Lab 12: Normal Distribution
F	15-Apr	9.3	
SUN	17-Apr		8.1, 8.2
M	18-Apr	10.1	
W	20-Apr	10.2	Lab 13: Sampling Distributions
F	22-Apr	Exam 3 Review	
SUN	24-Apr		9.1, 9.2, 9.3
M	25-Apr	Exam 3 (Chapter 7-9)	

<b>W</b>	<b>27-Apr</b>	<b>FINAL REVIEW</b>	<b>Lab 14: Confidence Intervals</b>
<b>F</b>	<b>29-Apr</b>	<b>FINAL REVIEW</b>	
<b>SUN</b>	<b>1-May</b>		
<b>M</b>	<b>2-May</b>	<b>10.2</b>	
<b>W</b>	<b>4-May</b>	<b>FINAL REVIEW</b>	<b>Final Review</b>
<b>TR</b>	<b>5-May</b>		<b>10.1, 10.2</b>
<b>F</b>	<b>6-May</b>	<b>READING DAY</b>	<b>Extra Credit</b>
<b>SUN</b>	<b>8-May</b>		
<b>M</b>	<b>9-May</b>		<b>FINAL EXAM</b>
<b>T</b>	<b>10-May</b>		<b>FINAL EXAM</b>
<b>W</b>	<b>11-May</b>		<b>FINAL EXAM</b>
<b>TR</b>	<b>12-May</b>		<b>FINAL EXAM</b>
<b>F</b>	<b>13-May</b>		<b>FINAL EXAM</b>

**Class Materials for Remote Instruction:** Remote instruction may be necessary if community health conditions change or you need to self-isolate or quarantine due to COVID-19. Students will need access to a computer that is compatible with Zoom, along with a webcam, microphone, and broadband Internet connection, to participate in fully remote portions of the class. Information on how to be successful in a remote learning environment can be found at <https://online.unt.edu/learn>.

**Class Recordings:** Synchronous (live) sessions in this course may be recorded for students enrolled in this class section to refer to throughout the semester. Class recordings are the intellectual property of the university or instructor and are reserved for use only by students in this class and only for educational purposes. Students may not post or otherwise share the recordings outside the class, or outside the Canvas Learning Management System, in any form. Failing to follow this restriction is a violation of the UNT Code of Student Conduct and could lead to disciplinary action.

**Attendance:** Attendance is encouraged, but not required. You will be responsible for everything covered during class regardless of your attendance. Students who miss class frequently often see their grades suffer as a result, so please plan accordingly. If you expect to miss more than one lab session due to illness or other circumstances beyond your control, please notify your lab instructor.

If you are experiencing any symptoms of COVID-19 please seek medical attention from the Student Health and Wellness Center (940-565-2333 or askSHWC@unt.edu) or your health care provider PRIOR to coming to campus. UNT also requires you to contact the UNT COVID Team at COVID@unt.edu for guidance on actions to take due to symptoms, pending or positive test results, or potential exposure.

**Face Coverings:** UNT encourages everyone to wear a face covering when indoors, regardless of vaccination status, to protect yourself and others from COVID infection, as recommended by current CDC guidelines. Face covering guidelines could change based on community health conditions.

**Students with Disabilities:** The University of North Texas makes reasonable academic accommodation for students with disabilities. Students seeking reasonable accommodation must first register with the Office of Disability Access (ODA) to verify their eligibility. If a disability is verified, the ODA will provide you with a reasonable accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request reasonable accommodations at any time, however, ODA notices of reasonable accommodation should be provided as

early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of reasonable accommodation for every semester and must meet with each faculty member prior to implementation in each class. Students are strongly encouraged to deliver letters of reasonable accommodation during faculty office hours or by appointment. Faculty members have the authority to ask students to discuss such letters during their designated office hours to protect the privacy of the student. For additional information, refer to the Office of Disability Access website at <https://studentaffairs.unt.edu/office-disability-access>. You may also contact ODA by phone at (940) 565-4323.

**Acceptable Student Behavior:** Student behavior that interferes with an instructor's ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Dean of Students to consider whether the student's conduct violated the Code of Student Conduct. The University's expectations for student conduct apply to all instructional forums, including University and electronic classroom, labs, discussion groups, field trips, etc. Visit UNT's Code of Student Conduct (<https://deanofstudents.unt.edu/conduct>) to learn more.

**Access to Information – Eagle Connect:** Your access point for business and academic services at UNT occurs at [my.unt.edu](http://my.unt.edu). All official communication from the university will be delivered to your Eagle Connect account. For more information, please visit the website that explains Eagle Connect and how to forward your e-mail: [eagleconnect.unt.edu](http://eagleconnect.unt.edu).

**Emergency Notification & Procedures:** UNT uses a system called Eagle Alert to quickly notify you with critical information in the event of an emergency (i.e., severe weather, campus closing, and health and public safety emergencies like chemical spills, fires, or violence). The system sends voice messages (and text messages upon permission) to the phones of all active faculty, staff, and students. Please make certain to update your phone numbers at [my.unt.edu](http://my.unt.edu). Some helpful emergency preparedness action include:

- 1) know the evacuation routes and severe weather shelter areas in the buildings where your classes are held,
- 2) determine how you will contact family and friends if phones are temporarily unavailable,
- 3) identify where you will go if you need to evacuate the Denton area suddenly.

In the event of a university closure, please refer to Canvas for contingency plans for covering course materials.

**Retention of Student Records:** Student records pertaining to this course are maintained in a secure location by the instructor of record. All records such as exams, answer sheets (with keys), and written papers submitted during the duration of the course are kept for at least one calendar year after course completion. Course work completed via the Canvas online system, including grading information and comments, is also stored in a safe electronic environment for one year. You have a right to view your individual record; however, information about your records will not be divulged to other individuals without proper written consent. You are encouraged to review the Public Information Policy and the Family Educational

Rights and Privacy Act (FERPA) laws and the university's policy in accordance with those mandates at the following link: [essc.unt.edu/registrar/ferpa.html](http://essc.unt.edu/registrar/ferpa.html).

**Student Evaluation of Instruction:** Student feedback is important and an essential part of participation in this course. The student evaluation of instruction is a requirement for all organized classes at UNT. This short survey will be made available at the end of the semester to provide you with an opportunity to evaluate how this course is taught.

**Succeed at UNT:** UNT endeavors to offer you a high-quality education and to provide a supportive environment to help you learn and grow. As a faculty member, I am committed to helping you be successful as a student. Here's how to succeed at UNT: *Show Up. Find support. Get advised. Be prepared. Get involved. Stay focused.*

To learn more about campus resources and information on how you can achieve success, go to [success.unt.edu](http://success.unt.edu).