

STP 226 ELEMENTARY STATISTICS

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PREREQUISITES: MAT 117 (College Algebra) or MAT 114/Mat142 (College Mathematics) or equivalent with a grade of C or better.

TEXTBOOK: *Elementary Statistics*, by Neil Weiss, 7th Edition

Instructor reserves the right to make changes to this syllabus as necessary. Changes will be considered official if they are announced in class or placed on my web site.

Lecture Topics and Dates:

Week	Topics	Comments
1/14-1/18	Orientation, 1.1, 1.2, 2.1, 2.2	
1/21-1/25	2.3-2.4	<i>Monday 1/21 MLK Holiday observed, no classes</i>
1/28-2/1	3.1-3.3	
2/4-2/8	3.4, 4.1-4.2	Test1 (ch 1-3) Th-Fri, Feb. 7-8
2/11-2/15	4.3-4.4	
2/18-2/22	5.1-5.3	
2/25-2/29	6.1-6.3	
3/3-3/7	7.1-7.3	Test2 (ch 4-6) Th-Fri, March 6-7
3/10-3/14		SPRING BREAK, NO CLASSES
3/17-3/21	8.1-8.4	
3/24-3/28	9.1-9.3	
3/31-4/4	9.4-9.5	
4/7-4/11	10.2-10.4	Test3 (ch 7-9) Th-Fri, Apr. 10-11
4/14-4/18	11.1-11.3	
4/21-4/25	12.1-12.2, 12.4	
4/28-4/29	Review for the final exam	<i>Tuesday 4/29 last day of classes</i>

Welcome to the course! I encourage you to stay after class, come to my office hours, or make an appointment with me to discuss any material that is unclear to you. I wish you well in the course and all of your other academic pursuits this semester.

HOMEWORK: Homework will be a very important part of your learning. Try to emphasize understanding rather than memorization when you are working on the problems. I recommend that you form study groups to work together on the problems. You are only responsible for homework from the sections covered in class.

Core Homework assignments: The instructor reserves the right to add to the homework problem sets listed below. The instructor also reserves the right to create class policies in regards to due dates, late assignments, etc.

H1	1.1: 2, 3, 6, 7, 10, 14, 18	H8	5.1: 6, 7, 9, 10, 12, 19, 20	H13	9.1: 4, 5, 6, 8, 10, 14
H1	1.2: 27, 31, 34, 39, 43	H8	5.2: 30, 31, 33, 37, 44	H13	9.2: 20, 22, 23, 24, 30, 31
H2	2.1: 1, 2, 7, 10, 12	H8	5.3: 55, 57, 60, 68, 69	H13	9.3: 44, 47, 51, 54, 58, 62, 64
H2	2.2: 17, 22, 24, 28, 30, 32	H9	6.1: 4, 6, 10, 16, 17	H14	9.4: 74, 76, 78, 79, 83, 88, 90, 98, 99
H3	2.3: 46, 52, 58, 61, 64, 68, 71	H9	6.2: 37, 38, 39, 42, 43, 46, 49, 52, 56, 58	H14	9.5: 111, 114, 115, 122, 124, 126, 127, 139b, 140a, 141a
H3	2.4: 85, 90-99	H9	6.3: 66, 69, 70, 71, 72, 76, 78, 79	H15	10.2: 24, 28, 29, 33, 36, 42, 51a, 52a
H4	3.1: 3, 7, 9, 10, 19, 22, 28, 42	H10	7.1: 1, 2, 3, 9	H15	10.4: 95, 99, 101, 105
H4	3.2: 49, 51, 52, 54, 73	H10	7.2: 18, 20, 21, 22, 31, 32, 34	H16	11.1: 4, 12, 13, 24, 25, 33
H5	3.3: 87, 89, 94, 98, 100, 102, 104, 106	H10	7.3: 48, 53, 54, 55, 62	H16	11.2: 50, 51, 56, 57, 61
H5	3.4: 118, 121, 124, 126, 132, 135, 136	H11	8.1: 1, 4, 6, 8	H16	11.3: 68, 71, 72, 77, 79, 85
H6	4.1: 2, 5, 8, 16, 22, 24, 29	H11	8.2: 14, 15, 20, 32, 33, 44	H17	12.1: 3, 4, 5, 7, 10
H6	4.2: 34, 38, 39, 40, 46, 51, 52, 56, 59	H12	8.3: 52, 54, 58, 61, 66	H17	12.2: 17, 18, 20, 24, 26, 27, 30, 31
H7	4.3: 80, 84, 89 bcd, 90bcd (use calc on 89, 90)	H12	8.4: 74, 76, 78, 80, 81, 92, 94	H17	12.4: 67, 68, 71, 76, 78a
H7	4.4: 110, 111, 112, 114, 115, 120, 123bcd, 124bcd (use calc. on 123, 124)				

GRADING: 20% Homework, Projects, Quizzes
60% 3 tests
20% Final Exam

CALCULATORS: A graphing calculator is recommended; I will use Casio 9850 and TI-83 or 84, but you are welcome to use your existing calculator.

TESTS: Three tests will be given in the Testing Center, PSA 21. You will need your Sun Card in order to take the test. You may use a calculator and a formula page from the book (or copy of it) for each test. You may also have an 4X5 index card with hand written notes, no specific problems solved.

FINAL EXAM is not comprehensive, will cover chapters 10-12 and will be given **in your classroom** at the time posted on the University Schedule.

IMPORTANT DATES:

Withdrawal Deadline : **in person Friday, March 28, Sun Dial/ASU Interactive:
Sunday, March 30**
Complete withdrawal deadline: **in person Tuesday, April 29**

COURSE POLICIES: Students are responsible for assigned material whether or not it is covered in class. Students are responsible for material covered in class whether or not it is in the text. Working **regularly** on assigned problems and **attending class** are essential to survival. You are expected to read the text, preferably before the material is covered in class. Some notes for each chapter are provided on my homepage, but they will not be a sufficient replacement for the notes you can take in class. Homework will be collected, and daily quizzes will be given from homework to check your progress. Make-up exams are at the discretion of the instructor. In any case, no make-up exam will be given unless the student has notified the instructor **before** the test is given. Message should be left through email. You must make every reasonable effort to notify me before the exam is given and **document your reason for missing the exam.**

ATTENDANCE POLICY:

Class attendance is MANDATORY. The following rules will be strictly enforced by all instructors. For classes that meet three days per week, the maximum number of allowed absences is six (6). For classes that meet two days per week, the maximum number of allowed absences is four (4). For classes that meet on other schedules, the number of absences allowed should reflect a similar ratio (two weeks worth of class meetings). **Students who exceed the number of allowed absences will receive a grade of EN.**

Math Testing Center: The Mathematics Department Testing Center is in PSA 21 (basement). To be admitted to the Testing Center, each student must have a valid ASU Sun Car. The testing center is open 8:00am – 8:00pm Mon.-Thu. and 8:00am – 5:00pm Friday. Make sure you arrive *before* 6:30pm Monday – Thursday or 3:30pm Friday. The testing center will not allow late entry. Arrival before the door closes allows the student an hour and a half to complete the test. It is recommended by the testing center that students take exams as early as possible during the allotted time frame, since the testing center can get extremely busy in the evenings and on the last day possible to take the exam. It is your responsibility to make sure that you take the exam by the date/time it is due. “Forgetting” the dates of the exam, arriving late, or an over-crowded testing center are NOT acceptable excuses to miss an exam.

Additional Information:

Students who feel as though they are excused from class or an exam because of religious observances, medical reasons, or family emergencies are expected to contact the instructor before the class session/exam for which the student will be absent. The best way to reach me is via e-mail. My office phone number is NOT a reliable way to leave a message for me. Justification for after the fact absences **will** require corroboratory documentation and still may not be accepted. Please note that work emergencies do not constitute documented emergencies.

Students with differing abilities should arrange to meet with me by the end of the first week of classes to arrange for reasonable accommodations for their learning needs.

Please, turn off any cellular phones or pagers prior to entering class.

Reminder of Particular Departmental and University Policies and Procedures

Ethics:

It is highly unethical to bring to your instructor's attention the possible impact of your mathematics grade on your future plans, including graduation, scholarships, jobs, etc. The instructor may exercise an option to withdraw you from the course if they think you are compromising the ability to assess your work independently of any other consideration. Students found to be involved in academic dishonesty will be removed from the class and a grade of **XE** for the course will be submitted to the registrar. The student will be advised to repeat the course with another professor, possibly at another institution. This is the least action taken. Further, more serious actions may be taken if the situation indicated that such actions are appropriate.

Incomplete:

If there is a last-minute personal or medical emergency, the student may receive a grade of Incomplete and make up the final within one calendar year. The student must provide written documentation and be passing the class at the time to receive an Incomplete. Make-up exams will NOT be given for reasons of a non-refundable airline tickets, vacation plans, work schedules, weddings, family reunions, and other such activities. Students should consult the final exam schedule before making end-of-semester travel plans. *The Dean of the student's college must approve any exceptions to these rules.*

Honor Policy:

The highest standards of academic integrity are expected of all students at all times. The failure of any student to meet these standards may result in suspension or expulsion from the University or other sanctions as specified in the University Student Academic Integrity Policy. Violations of academic integrity include, but are not limited to, cheating, fabrication, tampering, plagiarism and/or facilitating such activities.