

Intro to Biomedical Statistics – Spring 2018 – 3 credit hours

Section 05, Math 1370 – CRN 20932, Class Time and Location – 9:30-10:50 TTh – AB4 room 203
Section 06, Math 1370 – CRN 20936, Class Time and Location – 11:00-12:20 TTh – LDB room 407
LDB – Lee Drain Building, AB4 – Academic Building IV, Huntsville Campus

Darrel Silva – e-mail: das019 at shsu.edu – office: LDB 413 – cell phone: (832) 247-6001
In class times: 9:30-10:50, 11:00-12:20, 2:00-3:20, and 3:30-4:50 TTh
Office hours: 12:30-1:00 and 5:00-6:00 TTh, and by appointment

Text for the course: STATISTICS, LEARNING FROM DATA – by Roxy Peck, published by Cengage
ISBN of hardback text: 978-0-495-55326-7
ISBN of solutions manual: 978-1-285-09463-6

Required Supplemental items: IBM SPSS Statistics for Windows 22: A Basic Tutorial available from <http://www.ssrlic.org/tr/onlinetextbooks> which leads to <http://ssric.org/node/459> where each of the nine chapters can be downloaded (and printed) as a Microsoft Word document. (A software package “Standard GradPack” can be downloaded for about \$100, but it is **not required**)

Optional Supplemental items: OpenIntro Statistics 3rd Edition available as a free printable PDF download from https://www.openintro.org/stat/textbook.php?stat_book=os or from Amazon as bound paperback book (cost varies)

Optional Supplemental items: onlinestatbook.com/Online_Statistics_Education.pdf

A graphing calculator or scientific calculator is required for use on tests and quizzes. I recommend a Texas Instruments TI-84 Plus or TI-83 Plus graphing calculator, but there are many other fine calculators available. Cell phones and any other device with wireless communication capabilities are not to be used as a substitute for a calculator on exams or quizzes. Sharing calculators during a test or quiz is considered cheating.

Use of communication devices, such a cell phone, during a class is disruptive. Turn the sound off or turn the device off during all classes and put them away during quizzes and exams. In the event of an emergency situation where use of communication device is necessary please inform your professor before class.

The three exams are tentative scheduled for Thursday 15 February, Tuesday 27 March and Thursday 26 April. The final exams are tentative scheduled Thursday 10 May 9:30-11:30am (sect. 05), Thursday 10 May 12:00-2:00pm (sect. 06). Each of the four exams will count the same. If it is to your benefit, the final exam will count as one of the four exams and replace the lowest of the first three exams. Bring your valid picture ID to each exam.

Short quizzes and homework occur occasionally and will be factored into the corresponding exam grade. Neatness counts on homework. Homework is due at the beginning of class.

Students should plan for no make-ups quizzes and homework. Make-up exams **may** rarely be approved with documented proof of a significant emergency. The final exam grade may substitute for a missed exam grade.

Students are expected to check Blackboard and SHSU e-mail at least daily.

Students should behave in ways that will not disrupt the learning process in class.

Cameras and recording devices are not permitted without my prior permission.

The syllabus is subject to change. Changes will be announced in class.

ATTENDANCE:

All students are expected to attend class and participate in class. It is important to arrive on time. Bring a notebook and take notes of the discussions and examples presented in class.

Please treat this class as you would any professional commitment such as an important job. Send an e-mail to the professor briefly indicating why you will be missing an upcoming class.

VISITORS IN THE CLASSROOM:

Only registered students may attend class. Exceptions can be made on a case-by-case basis by the professor. In all cases, visitors must not present a disruption to the class by their attendance. Students wishing to audit a class must apply to do so through the Registrar's Office.

ACADEMIC DISHONESTY:

All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials.

Homework assignments are learning exercises and may be done with some assistance from friends, tutors and other sources. Copying of others homework is not permitted.

STUDENT ABSENCES ON RELIGIOUS HOLY DAYS POLICY:

Section 51.911(b) of the Texas Education Code requires that an institution of higher education excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. Section 51.911 (a) (2) defines a religious holy day as: "a holy day observed by a religion whose places of worship are exempt from property taxation under Section 11.20...." A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence.

University policy 861001 provides the procedures to be followed by the student and instructor. A student desiring to absent himself/herself from a scheduled class in order to observe (a) religious holy day(s) shall present to each instructor involved a written statement concerning the religious holy day(s) by Wednesday 31 January 2018. The instructor will complete a form notifying the student of a reasonable timeframe in which the missed assignments and/or examinations are to be completed.

STUDENTS WITH DISABILITIES POLICY:

It is the policy of Sam Houston State University that individuals otherwise qualified shall not be excluded, solely by reason of their disability, from participation in any academic program of the university. Further, they shall not be denied the benefits of these programs nor shall they be subjected to discrimination. Students with disabilities that might affect their academic performance should register with the Office of Services for Students with Disabilities located in the Lee Drain Annex (telephone 936-294-3512, TDD 936-294-3786, and e-mail disability@shsu.edu). They should then make arrangements with their individual instructors so that appropriate strategies can be considered and helpful procedures can be developed to ensure that participation and achievement opportunities are not impaired.

SHSU adheres to all federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. If you have a disability that may affect adversely your work in this class, then I encourage you to register with the SHSU Services for Students with Disabilities and to talk with me about how I can best help you. All disclosures of disabilities will be kept strictly confidential. NOTE: No accommodation can be made until you register with the Services for Students with Disabilities. For a more complete listing of the university policy, see:

<http://www.shsu.edu/dotAsset/187f9029-a4c6-4fb4-aea9-2d501f2a60f3.pdf>

Many portions of chapters 1 – 8, and 12 – 13 should be covered. Chapters 14 – 17 will be covered if we have extra time.