

STAT 4373 – Nonparametric Analysis
FALL 2017 – Course Syllabus

Instructor : Ananda Manage

Office : LDB 439H

Phone : 294-4894

Office Hours : TTh 8:00 – 9:20am and 11:00am – 12:20pm or by appointment.

E Mail : manage@shsu.edu

Web : <http://www.shsu.edu/~wx001/>

Text : Applied Nonparametric Statistics, 2nd Edition
By Wayne W. Daniel

Statistical Software: MINITAB and SAS

Material Covered: Topics include chi-square goodness-of-fit testing and inferences concerning location and scale. Specific tests include the sign test, Wilcoxon signed-rank test, the Kruskal-Wallis test, tests for randomness and trends, and contingency analyses

Learning Outcomes: At the conclusion of the course students will have a clear understanding about the above topics with the ability to apply the techniques in real-world problems.

Attendance : Class attendance is **extremely important** to succeed in this course. Roll will be taken at class meetings. **Two extra points** will be added to the overall score for the students having **NO more than 2** absences for the semester. Late arrival, leaving class early and **forgetting to sign the roll** sheet are counted as absences.

Assessment: Continuous assessment of the progress of the course will occur via ongoing communication between the instructor and students. To this end all students are encouraged to ask questions during class and seek the instructor's help out of class when needed. Please read the sections about HW, quizzes and exams for further details.

Quizzes & Homework: I will assign homework/assignments regularly. Quizzes will also be given as needed.

Missed Work : There will **not** be any **make-up examinations**. Every missed examination will result in zero unless you have a valid (written) excuse from a **proper authority (Example: a letter from Dean of Students)**. In the event your excuse is **acceptable and I am convinced**, the score you earn on the final exam will replace missed exam score. **No make-up quizzes!!! No late homework will be accepted!!! (even with good excuses). I will drop the lowest quiz/homework grade.**

Grading Policy:

Two Midterm Exams	45 points
Quizzes/Homework /Assignments	30 points
Comprehensive Final Exam	25 points

Grading Scale :

90 and above A, 80 - 89 B, 70 - 79 C, 60 - 69 D, 0 – 59 F

Important Dates (Tentative):

Midterm exam1	- October 5, 2017
Midterm exam2	- November 16, 2017
Last class day	- November 30, 2017
Final examination (1:00pm – 3:00pm)	- December 05, 2017

Civility in the Classroom: Students are expected to assist in maintaining a classroom environment which is conducive to learning. Students will refrain from behavior in the classroom that **intentionally or unintentionally disrupts the learning process** and, thus, impedes the mission of the university. Please turn off cellular phones and beepers. No newspapers. ******NO TEXTING*******

Academic Dishonesty : All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete 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.

Use of Telephones and Text Messagers in Academic Classrooms and Facilities:

The use by students of electronic devices that perform the function of a telephone or text messenger during class-time is not allowed. Arrangements for handling potential emergency situations may be granted at the discretion of the instructor. Failure to comply with the instructor's policy could result in expulsion from the classroom or with multiple offenses, failure of the course. Any use of a telephone or text messenger or any device that performs these functions during a test period is prohibited. These devices should not be present during a test or should be stored securely in such a way that they cannot be seen or used by the student. Even the visible presence of such a device during the test period will result in a zero for that test. Use of these devices during a test is considered de facto evidence of cheating and could result in a charge of academic dishonesty (see student code of conduct <http://www.shsu.edu/students/guide/StudentGuidelines2010-2012.pdf#page=29>).

Students with Disabilities: 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 are expected to visit 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). Counseling Center . 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 applicable 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 SHSU Counseling Center 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 Counseling Center. For a complete listing of the university policy, see:

<http://www.shsu.edu/dept/academic-affairs/documents/aps/students/811006.pdf>

Religious Holidays: University policy states that a student who is absent from class for the observance of a religious holy day must be allowed to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence. Students must be excused to travel for observance of a religious holy day. A student who wishes to be excused for a religious holy day must present the instructor with a written statement describing concerning the holy day(s) and the travel involved. The instructor should provide the student with a written description of the deadline for the completion of missed exams or assignments.