

Syllabus: STAT 5375.01 Statistical Methods for Agriculture, Fall -2017

Instructor:	Ram C. Kafle, Ph.D.
Contact:	rck020@shsu.edu, (936-294-3925)
Class Hours:	MW 11:00 AM - 12:20 PM in LDB 407
Office Hours:	MW 8:00 AM - 10:00 AM, Friday 11:00 AM-1:00 PM in LDB 439F or by appointment

Textbook and Materials:

Essential Statistics Second Edition by Navidi and Monk, ISBN-10: 125970649, Mc Graw Hill.

Connect Math Course Code: NGRPQ-GPMLG

Financial Aid Access Code: AE302-84472-D9A1D-6C35F

Course Objectives:

The main objective of this course is to develop an understanding of and facility for the concepts and applications of inferential analysis involved specially in agricultural statistics .

Course Description:

Applications of statistical methods for making meaningful interpretations of qualitative and quantitative data from experiments in agriculture. Instruction includes sampling and randomization, correlation and regression, analysis of variance and testing of hypotheses of means and variances, and design of experiments in agriculture.

Attendance:

Attendance at class meeting is essential to academic success. Full time attendance to every class is strongly recommended. You are responsible to cover or collect the course materials for any class you missed.

Homework:

Homework problems offer practices for applying course materials and it is an effective way for mastering the course materials. Homework will be assigned through Connect Math. Your quizzes will be based on these homework problems. Late homework will not be entertained.

Quizzes:

Quizzes are given at the beginning of the quiz day for about 15-20 minutes. All quizzes will be closed book and closed notes. There will be no make-up quizzes. The lowest quiz grade will be dropped. Please refer to the academic calendar given at the last page of this syllabus for tentative quiz dates.

Exams:

Two midterms (15% each) and a cumulative final will be given during the semester. The cumulative final will carry 20% of the total grades.

Project:

Each student will design a potential research project and fully identify the appropriate statistical methods to be employed. The project will be graded based on the problem formulation, design, statistical analysis, and clarity in reporting and presentation. The detail descriptions of the project will be posted in Blackboard during the mid-semester.

Grading Policy:

Homework	20 %
Quizzes	20 %
Midterm	30 %
Project	10 %
Final	20 %
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Total	100 %

Grading Scale:

90% or above	A
80%-89%	B
70%-79%	C
60%-69%	D
Below 60%	F

Important Dates:

Semester	Aug 23- Dec 01
Final Exam Week	Dec 04- Dec 07
Holiday (No classes)	Sept 04,
Last day to drop Full Term Courses without Q and 100% refunds	Sept 11
Last day to drop Full Term course with Q	Nov 10
Thanksgiving holidays	November 22 -24

Make up Exam Policy:

Make-up exams will only be given for excused absences. Reasons for excused absences include documented illness, deaths in the immediate family and other documented crises, call to active military duty, court-imposed legal obligations (e.g., jury duty and subpoenas), religious days, special requirements of other courses and university sponsored events (e.g., performances, games/meets, judging trips, field trips), and severe weather conditions. Students must notify their instructors in writing of scheduled absences (for approved reasons as noted above) at the beginning of each academic term. Pointing out specific conflicts with scheduled examinations or other scheduled assignments/activities should be part of this notification. In the event of an emergency unscheduled absence (as described above), students must contact their instructors as soon as possible and provide documentation.

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. The university policy and procedures in case of alleged academic dishonesty is explained in Academic Policy Statement 810213:

<http://www.shsu.edu/dotAsset/728eec25-f780-4dcf-932c-03d68cade002.pdf>

Incomplete Grade Policy:

An "X" grade indicates incomplete coursework and may be awarded students. See full policy at <http://www.shsu.edu/gradcat/scholasticrequirements.html>

Student Disability 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 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 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. See the university policy at:
<http://www.shsu.edu/dotAsset/7ff819c3-39f3-491d-b688-db5a330ced92.pdf>

Religious Holidays:

University policy states that a student who is absent from class for the observance of a religious holiday 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 holiday. 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. See the university policy for religious holidays at:
<http://www.shsu.edu/dotAsset/0953c7d0-7c04-4b29-a3fc-3bf0738e87d8.pdf>

Academic Policy Manual:

For a complete listing of the university policy, see
<http://www.shsu.edu/dept/academic-affairs/aps/aps-students.html>

Academic Calendar:

	August	September	October	November	December
Mon			2 (Quiz)		
Tue					
Wed			4	1	6 (Final)
Thur					
Fri					
Mon		4(Holiday)	9 (Quiz)	6 (Quiz)	
Tue					
Wed		6	11	8	
Thur					
Fri					
Mon		11 (Quiz)	16 (Test-I)	13 (Quiz)	
Tue					
Wed		13	18	15	
Thur					
Fri					
Mon		18 (Quiz)	23 (Quiz)	20 (Test-II)	
Tue					
Wed	23	20	25	Thanksgiving Break	
Thur					
Fri					
Mon	28	25 (Quiz)	30 (Quiz)	27 (Quiz)	
Tue					
Wed	30 (Quiz)	27		29	
Fri					