MATH 201 APPLIED STATISTICS SPRING 2014

SECTION	TIME	DAYS	ROOM
005	8:00 – 9:00 am	M W F	Swart 14
001	9:10 – 10:10 am	M W F	Swart 14

INSTRUCTOR: Dr. K.L.D. Gunawardena

OFFICE: Swart 205 PHONE: 424-1056 E-MAIL: gunaward@uwosh.edu

OFFICE HOURS: 10:20 – 11:20 am M W F and 1:50 – 2:50 pm M W, and other times by appointment.

TEXT: Introduction to the Practice of Statistics 7th edition, by David S. Moore, George P. McCabe and Bruce Craig

BOOK COMPANION SITE: http://bcs.whfreeman.com/ips7e/

CALCULATOR: TI-83 or TI-84 calculator is required.

EXAMS: There will be three examinations:

EXAM	TOPICS	DATE	
Exam 1	Chapters 1,2	February 28, 2014	
Exam 2	Chapter 3,4,5	April 4, 2014	
Exam 3	Chapters 6,7,8	May 14, 2014	

Make-up exams will not be given except when the student has a valid reason for the absence.

HOMEWORK: Problems from the text will be assigned each day. The solutions to 10 sets of problems will be collected. The solutions to the problems are due at the beginning of class. I encourage you to work together in small groups on the homework problems. However, if you work in groups, you should write up your solution to the problems independently of those you work with.

PROJECT: Students will work in teams of 3 or 4 to carry out a project that involves application of the methods learned in class. Each team will (a) formulate a research question that can be addressed using statistical methods; (b) obtain appropriate data (by collecting it yourself, or finding appropriate data in a book, the web, or some other source). A written report of the project is due on May 2. We will have a project fair on May 7 and May 9, where team members will take turns explaining their project to the class.

PROJECT TIMELINES

February 14 groups are finalized

April 7 complete the collection of data and submit a one page description of your plans

May 2 submit the written report of the project

GRADING PERCENTAGE

Exams 1-3 [100 points each] 60% Homework [150 points] 30% Project [50 points] 10%

While attendance is not required, it is important that you attend class and take part in class activities. I have observed that students who attend classes regularly get good grades, while those with poor attendance get poor grades.

GRADING SCALE

PERCENTAGE	GRADE	PERCENTAGE	GRADE
90 - 100	A	72 - 74	С
87 - 89	A-	69 – 71	C-
84 – 86	B+	66 – 68	D+
81 – 83	В	63 - 65	D
78 - 80	В-	60 - 62	D-
75 – 77	C+	0 – 59	F

GENERAL GOALS AND OBJECTIVES FOR THE COURSE

The goal of statistics is to gain understanding from data. This course focuses on critical thinking and active learning. Students will be engaged in statistical problem solving and will develop intuition concerning data analysis, including the use of appropriate technology.

Specifically students will develop

- an interest and aptitude in applying statistics to other areas of human inquiry
- an awareness of the nature and value of statistics
- a sound critical approach to interpreting statistics, including possible misuses
- facility with statistical calculations and evaluations, using appropriate technology
- effective written and oral communication skills

HOME WORK GUIDELINES

- use standard size paper. DO NOT use paper with jagged edges, torn from spiral note books
- staple the pages
- DO NOT use colored papers
- show all the steps for solving the problem
- write legibly
- write complete sentences

MY SCHEDULE

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:00 – 9:00	Math 201-005		Math 201-005		Math 201-005
9:10 - 10:10	Math 201-001		Math 201-001		Math 201-001
10:20 - 11:20	office hour		office hour		office hour
11:30 – 12:30					
12:40 - 1:40					
1:50-2:50	office hour		office hour		
3:00-4:00					
4:10 – 5:10					

ELECTRONIC EQUIPMENTS

All cellular phones, pagers and other electronic equipment should be turned off and put away during class period