Instructor:
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Office Hours:
By appointment only

Course Objective:
To facilitate a general understanding of basic and foundational statistical principles including the following:
1. review of basic statistical principles
2. introduction to experimental design
3. application of analysis of variance
4. application of linear regression and prediction
5. scientific article critique skills
6. introduction to matrix algebra
7. introduction to SAS

Text:
None required. However, there are numerous texts available in the library which can prove useful to understanding the basic concepts of the course.

Prerequisite:
Passing grade – Math 116 or higher.
The prerequisite policy will be strictly adhered to. If you have not completed the prerequisite you will be dropped from the course.

Exams / Quizzes:
There will be three mid-term exams and a comprehensive final.

Calculators:
You are free to utilize any calculator you wish. Any calculator will suffice for the requirements of this course. It is not necessary to purchase a business / statistics calculator though they are often helpful. Cell phones are absolutely prohibited.
Grading:
Midterm Exams 80% (each exam will count as 20% with your highest score being counted twice)
Final Exam 20%

Final Grade:
A = 90% or above
B = 80 – 89%
C = 70 – 79%
D = 60 – 69%
F = below 60%

Exam Policy:
Make up exams will be allowed only in cases of prior approval for absences associated with university / educational activities. Missed exams, if not pre-approved, will be recorded as a “zero”. Make-ups will not be allowed.

G-Component:
Students enrolled in this course with a G-component will be required to successfully complete an additional independent study project in order to receive credit for the course. This project should pertain to something directly associated with the student’s specific field of study. Prior to submission the instructor must approve the project and the student should regularly check with the instructor relative to progress in completion of such project.

Student Assistance: “Students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course must contact the Office for Student Disability Services, Room 445, Potter Hall. The OFSDS telephone number is 270/745-5004 V/TDD.”

“Per university policy, please DO NOT request accommodations directly from the professor or instructor without a letter of accommodation from the Office for Student Disability Services.”

Withdrawal Policy:
Any change in registration status must be done officially through the Registrar’s Office. If you elect to withdraw from the course prior to the specified drop date, you must submit the necessary forms with the Registrar’s Office. Failure to comply will result in a grade of “F”.
ACADEMIC OFFENSES (as written in the University Catalog)
The maintenance of academic integrity is of fundamental importance to the University. Thus it should be clearly understood that acts of plagiarism or any other form of cheating will not be tolerated and that anyone committing such acts risks punishment of a serious nature. 

Academic Dishonesty: Students who commit any act of academic dishonesty may receive from the instructor a failing grade in that portion of the course work in which the act is detected or a failing grade in a course without possibility of withdrawal. The faculty member may also present the case to the Office of Student Life for disciplinary sanctions. A student who believes a faculty member has dealt unfairly with him/her in a course involving academic dishonesty may seek relief through the Student Complaint Procedure.

Plagiarism: To represent written work taken from another source as one's own is plagiarism. Plagiarism is a serious offense. The academic work of a student must be his/her own. One must give any author credit for source material borrowed from him/her. To lift content directly from a source without giving credit is a flagrant act. To present a borrowed passage without reference to the source after having changed a few words is also plagiarism.

Cheating: No student shall receive or give assistance not authorized by the instructor in taking an examination or in the preparation of an essay, laboratory report, problem assignment or other project which is submitted for purposes of grade determination.

Exam Policy: Make up exams will be NOT be allowed. Only in specific cases involving prior approval for absences associated with university / educational activities will you be able to take an exam other than the time designated. Missed exams, if not pre-approved nor documented due to unforeseen circumstances, will be recorded as a “zero”. In the case that you miss an exam due to illness or emergency, be certain that you contact me as soon as possible (do not make this a judgment call on my part!) and provide some type of documentation for your absence; in these instances your final exam will be weighted additionally as compensation for missing that particular exam.

The final exam will be administered at the designated time; there will be no exceptions to taking the exam at an alternate time.

Withdrawal Policy: Any change in registration status must be done officially through the Registrar’s Office. If you elect to withdraw from the course prior to the specified drop date, you must submit the necessary forms with the Registrar’s Office. Failure to comply will result in a grade of “F”.

Attendance: Attendance is not mandatory. Nor is attendance calculated in your grade directly. However, I will take attendance simply as a matter of record for utilization in cases of academic appeals.

* Eating and chewing tobacco will not be allowed in the classroom!!! In either case you will be asked to leave the classroom; no questions a

“Data does not speak for itself – you must give it a voice.”
Richard Paul, PhD (August 20, 2007 – Engaging the Spirit – Western Kentucky University)