

Office of Academic Affairs
Tarleton State University
Date Prepared: 12/1/08
Dates Revised:

Master Course Syllabus Outline

Department: Management, Marketing, and Administrative Systems
Course Prefix/Number: GB 565
Course Title: Managerial Statistics
Master Syllabus Approved by Department on: 12/1/08

- I. Catalog Description: Review of applied descriptive and inferential statistical calculations. Examination of statistics as a decision-making tool under uncertainty; focusing on probability, univariate/inferential and multivariate statistics. Emphasis is on interpretation of statistical information. Student will evaluate and interpret data, and report on current problems in the student's field of study.
- II. Prerequisites: PC based or undergraduate statistics. MS, Management and MS, HRM majors must have completed G B 598 or have permission of the instructor.
- III. Expanded Course Description: Managerial Statistics introduces the student to the statistical methodology used in making business decisions. The ethics of accurately presenting results without bias is emphasized. Concepts of probability, confidence intervals, hypothesis testing, correlation and regression are examined in the context of business and organization applications.
- IV. Intended Student Outcomes: (Must include outcomes of knowledge and skills, and may also include behavioral).

At the conclusion of the course the student will:

- Demonstrate the proper way to report data numerically and graphically
 - Solve statistical problems based upon business data
 - Demonstrate proficiency in calculating descriptive statistics.
 - Demonstrate proficiency in calculating inferential statistics.
 - Use a statistical method to solve a business problem in a written report.
- V. Unless otherwise stipulated in this master syllabus by the department, the following items are subject to faculty discretion as described in each faculty member's individual course outline/syllabus:
 - a) Course Requirements
 - b) Required Text(s)
 - c) Bibliography

- VI. Academic Honesty: Cheating, plagiarism (submitting another person's materials or ideas as one's own), or doing work for another person who will receive academic credit are all-impermissible. This includes the use of unauthorized books, notebooks, or other sources in order to secure or give help during an examination, the unauthorized copying of examinations, assignments, reports, or term papers, or the presentation of unacknowledged material as if it were the student's own work. Disciplinary action may be taken beyond the academic discipline administered by the faculty member who teaches the course in which the cheating took place.
- VII. Students With Disabilities Policy: It is the policy of Tarleton State University to comply with the Americans with Disabilities Act (ADA) and other federal, state, and local laws relative to the provision of disability services. Students with disabilities attending Tarleton State University may contact the Office of Disability Services at (254) 968-9478 to request appropriate accommodation. Furthermore, formal accommodation requests cannot be made until the student has been officially admitted to Tarleton State University.

Department Head Signature/Date:

Signature

_____/_____/_____
Date