

**Bossier Parish Community College**  
**Master Syllabus**

**Course Prefix and Number:** BADM203

**Credit Hour:** 3-3-0

**Course Title:** Business Statistics

**Course Prerequisites:** MATH102 or ACT score of 25 or higher, and CIS 105 or instructor's permission.

**Textbook:** LIND, ECOMM Connect for Statistical Techniques in Business and Economics, 17th ed. (2018).  
**This text is electronically included in your CANVAS course. A paper version may be obtained but is not required.**

**Course Description:** This course focus on statistics in the context of real business issues. This course covers frequency distributions, descriptive measures, probability concepts, probability distribution, sampling, estimation, hypotheses testing for means and proportions, simple regression and correlation.

**Learning Outcomes:**

At the end of this course, the student will

- A. learn methods of collecting and identifying types of data in order to properly organize and summarize data numerically in tables or visually in graphs;
- B. find the mean, median, variance and standard deviation of a data set that will promote the development of a sound understanding of probability values;
- C. analyze probability distributions;
- D. use sample data to estimate population parameters and apply basic methods for testing hypotheses in order to describe linear correlations between two variables.

**To achieve the learning outcomes, the student will**

(The letter designations at the end of each statement refer to the learning outcome(s).)

1. collect sample data;(A)
2. analyze frequency distributions; (A)
3. analyze histograms; (A)
4. compute the mean, median, standard deviation, and variance for a set of data;(B)
5. compute elementary probabilities and understand counting principles;(B)
6. understand and utilize binomial probability, normal, and standard normal distributions;(C)
7. estimate sample means for large and small samples;(D)
8. test hypotheses;(D)
9. describe linear correlations. (D)

**Course Requirements:**

- A. Class attendance (see the student handbook for attendance policies)
- B. Students are required to use our LMS and are encouraged to use the BPCC Library to research statistical topics and employment opportunities.

**Course Grading:**

- A. Letter grades will be assigned based on a ten point grading scale (90-100 = 'A', 80-89='B', 70-79='C', 60-69='D', 0-59='F').
- B. Although Instructors may give other assignments, they will administer at least a comprehensive final examination.

**Attendance Policy:** The college attendance policy is available at <http://www.bpcc.edu/catalog/current/academicpolicies.html>

**Course Fees:** This course is accompanied with an additional fee for supplemental materials.

**Nondiscrimination Statement:** Bossier Parish Community College does not discriminate on the basis of race, color, national origin, gender, age, religion, qualified disability, marital status, veteran's status, or sexual orientation in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of its operations. Bossier Parish Community College does not discriminate in its hiring or employment practices.

**COORDINATOR FOR SECTION 504 AND ADA**

Angie Cao, Student and Disability Services Specialist

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**Equity/Compliance Coordinator**

Teri Bashara, Director of Human Resources

Human Resources Office, A-105

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