

**Bossier Parish Community College**  
Master Syllabus

**Course Prefix and Number:** BADM 203

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

**Course Title:** Business Statistics

**Course Prerequisites:** MATH 101; MATH102; BADM 113 or ACT score of 25 or higher, and CTEC 100, or instructor's permission.

**Textbook:** LIND, ECOMM Connect for Statistical Techniques in Business and Economics, 18th ed. (2018). ISBN: 9781260982954.

**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); and
9. describe linear correlations (D).

**Course Requirements:**

- To pass the course, student must achieve a course average of 70% or above.
- Students must have access to a computer (not mobile device), Microsoft Office, and the Internet to complete the assignments. Computer, software, and the Internet are available to students on campus during scheduled computer lab times and in the

- Learning Commons located in the BPCC Library.
- Students are required to use BPCC's LMS and are encouraged to use the BPCC Library to research topics and employment opportunities.

**Course Grading Scale:**

- A = 90 - 100
- B = 80 - 89
- C = 70 - 79
- D = 60 - 69
- F = 0 - 59

**Attendance Policy:**

Each student is expected to attend class regularly; excessive unexcused absences constitute grounds for suspension. Refer to the student handbook for [Attendance Policy](#).

**Course Fees:** This course is accompanied with an additional non-refundable fee for supplemental materials, laboratory supplies, software licenses, certification exams and/or clinical fees.

**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 Disability Services, F-254  
6220 East Texas Street  
Bossier City, LA 71111  
Phone: 318-678-6511  
Email: [acao@bpcc.edu](mailto:acao@bpcc.edu)  
Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.

**EQUITY/COMPLIANCE COORDINATOR**

Teri Bashara, Director of Human Resources  
Human Resources Office, A-105  
6220 East Texas Street  
Bossier City, LA 71111  
Phone: 318-678-6056  
Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.