




## **Business Statistics**

### ***BAD 2323 – Business Statistics***

An introduction to the statistical methods of collecting, presenting, analyzing, and interpreting data for business management and control. Topics include: central tendency and dispersion; probability; discrete and continuous distributions; estimation and hypothesis testing.

***Prerequisites: MAT 1313 – College Algebra***

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Phone	662-720-7315
Office	Patterson 135
Office Hours	Monday & Wednesday 9:30-10:30 Tuesday Thursday 1:00-2:00

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## Course Materials

### Learning Management System

Northeast uses the Canvas Learning Management System for course delivery. For direct support of Canvas through Northeast Mississippi Community College, contact the eLearning Office located on the second floor of Cartwright Hall, Booneville, MS.

Email: [canvas@nemcc.edu](mailto:canvas@nemcc.edu)

Office: 662.720.7191

### Textbook Requirements

*Textbook: Introductory Business Statistics by OpenStax*

© 2017 PDF version ISBN-13 978-1-947172-47-0

Download Free at:

<https://openstax.org/details/books/introductory-business-statistics>

## Goals and Objectives

### Core Learning Objectives

CLO met in Course (mark with 'X')	CLO	
x	<b>CLO 1- Quantitative Literacy</b>	<ul style="list-style-type: none"><li>Students will present accurate representations of quantitative information on political, economic, health-related or technological topics and explain how both calculations and symbolic operations are used in those offerings.</li><li>Students will create and explain graphs or other visual depictions of trends, relationships, or changes in status.</li></ul>
x	<b>CLO 2- Collaboration</b>	<ul style="list-style-type: none"><li>Students will demonstrate effective verbal communication by articulating abstract ideas to others.</li><li>Students will demonstrate effective written communication by developing and presenting cogent, coherent, and substantially error-free writing for communication to general and specialized audiences.</li></ul>

x	<b>CLO 3- Communication</b>	<ul style="list-style-type: none"> <li>• Students will demonstrate effective verbal communication by articulating abstract ideas to others.</li> <li>• Students will demonstrate effective written communication by developing and presenting cogent, coherent, and substantially error-free writing for communication to general and specialized audiences.</li> </ul>
x	<b>CLO 4- Digital Fluency</b>	<ul style="list-style-type: none"> <li>• Students will maintain and manage a variety of digital tools and resources.</li> <li>• Students will use digital resources to access relevant and reliable information.</li> </ul>
x	<b>CLO 5- Critical Thinking</b>	<p>Student will demonstrate critical thinking by identifying important problems, questions, and issues; analyzes, interprets, and makes judgments of the relevance and quality of information; assesses assumptions and considers alternative perspectives and solutions.</p>

### Student & Course Objectives

- *Student will describe data sets*
- *Student will calculate measures of central tendency and variability*
- *Student will apply probability calculations*
- *Student will differentiate between continuous and discrete distributions*
- *Student will perform hypothesis tests*

### Instructional Techniques

#### Teaching Methods

*Instructor will utilize class lectures, class discussions, self-paced learning, instructional videos, Internet searches, homework sets, etc.*

#### Methods of Evaluation

*Students will complete note taking exercises, homework sets, quizzes, unit exams, a midterm and final exam.*

## Grading

*Weekly Assignments – 40%*

*Unit Test – 20%*

*Midterm – 20%*

*Final Exam – 20%*

*90-100 – A*

*80-90 – B*

*70-80 – C*

*60-70 – D*

*BELOW 60 - F*

## Course Policies

### Attendance

*STUDENTS WILL BE CUTOUT OF THE CLASS UPON RECEIVING A 6<sup>th</sup> ABSENCE for seated class and UPON RECEIVING A 3<sup>rd</sup> ABSENCE in online classes*

[Northeast Policies on Attendance, Withdrawals, and Reinstatement](#)

### Course Communication

*Please allow 24 hours for response time during the week. One the weekend, response time might be slightly longer, but I will do my best to answer you in a timely manner. The easiest way to contact me is through Canvas message. However, you may also email me, call me or stop by my office on campus to meet in person.*

### Academic Honesty

Academic honesty is a fundamental attribute of higher learning. Students who violate the principle of honesty deny themselves an opportunity to master the skills that they are credited to possess, cheat their classmates of deserved recognition, and demean the college and its degrees. It is a matter of great concern that all members of the college community strive for high standards of personal integrity.

Evaluation of each student's level of knowledge and understanding is a vital part of the teaching process, and requires tangible measures such as reports, examinations, and homework. Any act that interferes with the process of evaluation by misrepresenting the relationship between the work being evaluated and the student's actual state of knowledge is an act of academic dishonesty. These acts of dishonesty include but are not limited to: fraud, cheating, plagiarism, forgery, and facilitating dishonesty. (Definitions and discipline procedures may be found in Northeast Procedures Manual)

<https://catalog.nemcc.edu/academic-regulations/index.html#academic-honesty>

## American with Disabilities Act

Northeast Mississippi Community College provides adaptations and modifications to the learning environment for eligible impaired and/or disabled students. All students with a disability, including distance learning students, are strongly encouraged to contact the ADA/Section 504 Counselor/Coordinator, Mrs. Leigh Ann Stewart, located in Wright Hall 106 at (662) 720-7192, or via email at [lstewart@nemcc.edu](mailto:lstewart@nemcc.edu) to discuss their disability and the appropriate accommodations. Students may also contact the ADA/Section 504 Compliance Officer, Mr. Ray Scott located in Ramsey Hall Room 216, or at (662) 720-7179. Students must self-identify in order to receive accommodations. NEMCC Disability Applications may be obtained from the Counseling Center in Ramsey Hall or online from NEMCC's website at <https://www.nemcc.edu/success-center/Counseling%20Services/disability-accommodations/index.html>  
[Canvas Accessibility Statement](#)

## Title IX Policy

NEMCC is committed to complying with Title IX, a federal policy that prohibits discrimination, including violence and harassment, based on sex. NEMCC's educational programs and activities must be free from sex discrimination, sexual harassment, and other forms of sexual misconduct. If you or someone you know has experienced sex discrimination, sexual violence and/or harassment by any member of the campus community, you are encouraged to report the conduct to NEMCC's VP of Student Services, Mr. Ray Scott ([jrscott@nemcc.edu](mailto:jrscott@nemcc.edu)), or to NEMCC's Title IX Coordinator, Ms. Liz Roark ([lroark@nemcc.edu](mailto:lroark@nemcc.edu)). Additional resources are available at <https://www.nemcc.edu/title-ix/policy.html> & <https://www.nemcc.edu/title-ix/policy.html>.

## Non-Discrimination Statement

In compliance with Title VI of the Civil Rights Act of 1964; Title IX, Educational Amendments of 1972 of the Higher Education Act; and, Section 504 of the Rehabilitation Act of 1973, as amended, the Board of Trustees of Northeast Mississippi Community College has adopted this policy assuring that no one shall, on the grounds of race, color, age, national origin, or sex, be excluded from participating in, be denied the benefits of, or otherwise be subjected to discrimination in any program or activity of the College. Northeast Mississippi Community College adheres to the principle of equal educational and employment opportunity without regard to race, sex, age, color, creed, or national origin. This policy includes the qualified handicapped and extends to all programs and activities supported by the College. The Section 504 Coordinator is Leigh Ann Stewart, Wright Hall (662)720-7192 and the Title IX Coordinator is Liz Roark, (662) 720-7223.