Dakota College at Bottineau Course Syllabus

Course Prefix/Number/Title:

BOTE 108 Business Mathematics, 3 credits

Course Description:

This course provides an increased competence in the fundamentals of arithmetic skills and an understanding of the application of mathematical concepts to occupational activities. Emphasis is placed on business applications and problem solving.

Course Objectives:

1. To develop an understanding of numbers.
2. Demonstrate uses for electronic calculators.
3. Demonstrate appropriate pricing methods.
4. Demonstrate methods and procedures for effective control and utilization of interest and credit charges.
5. Explain and calculate taxes.
6. Identify factors to be considered in business finance.

Instructor:

Scott Johnson

Office:

Nelson Science Center 110

Office Hours:

MWF 1:00-2:00

Phone:

(701)-228-5474

Email:

scott.johnson@dakotacollege.edu

Lecture:

Online
Textbook:

Business Mathematics 10th edition by Cleaves and Hobbs

Class Policies:

Regular participation is expected. Learning activities will occur in the My Math Lab learning system.

Grades will be based on homework and quizzes.

\[ A = 90-100\% \quad B = 80-89\% \quad C = 70-79\% \quad D = 60-69\% \quad F = \text{below } 60\% \]
All assignments and quizzes are to be completed by their due dates. Assignments turned in late will not be accepted unless the instructor has been notified in advance and has agreed to accept it at a later date.

Tentative Course Outline:

1. Fundamentals
2. Weights, measurements, and numerical averages
3. Fractions
4. Decimals
5. Bank reports
6. Business applications of percentages
7. Payroll records
8. Commissions
9. Cash and trade discounts
10. Markup
11. Simple interest
12. Notes and interest variables
13. Borrowing by business
14. Charges for credit
15. Sales and federal income tax
16. Inventories and turnover
17. Corporate stocks
18. Corporate and Government bonds

General Education Goals/Objectives:

NA

Relationship to Campus Theme:

Mathematics 108 emphasizes technology through the use of graphic calculators and nature through population modeling.
**Academic Integrity:**

If there is evidence of cheating the student will receive an F on the respective exam or assignment.

**Disabilities and Special Needs:**

If you have a disability for which you will need accommodation, contact the Learning Center to request disability support services.
Thatcher Hall 1104; phone 701-228-5477 or toll free 1-888-918-5623.