



June 2000

A: Division: **Instruction** Date:

B: Department/ Program Area: **Commerce & Business Admin.
Business Management**

New Course

Revision **3**

If Revision, Section(s) Revised:

P

Date Last Revised:

November 1999

C: **BUSN 330**

D: **Business Mathematics**

E: **3**

Semester Credits

Subject & Course No.

Descriptive Title

of fundamental business economic
linear equations.

F: Calendar Description: This course will cover the mathematical interpretation
concepts with applications to managerial decision-making. Topics covered will include linear and non-
linear functions, matrix algebra, marginal and break-even analysis, and introduct

Prerequisites:
Instruction/Learning Settings

Math 111 or DVST 410 or equivalent

Primary Methods of Instructional Delivery and/or
Learning Settings:

Course Corequisites:

Seminars:
Nil

Semester:
This course is a prerequisite:

Lecture: 3 Hrs.

Total: 4 Hrs.

Number of Contact Hours: (per week
for each descriptor
course to w

and OADM 450

Semester:
Maximum Class Size:

Number of Weeks per

Weeks: 40 Hrs.

Week: 40 Hrs.

Granted:

Non-Credit

College Credit Non-Transfer

College Credit Transfer: Requested:

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I. M. Course Objectives/Learning Outcomes

The Student Will Be Able To:

- 1. Demonstrate the ability to algebraically derive and solve equations in functional and general form for problems in business.
- 2. Demonstrate the ability to solve problems involving future value, payments, interest rate and compounding periods.
- 3. Demonstrate the ability to determine break-even and equilibrium positions for problems (linear and non-linear) in business.
- 4. Demonstrate the ability to organize and present data and calculate descriptive statistics for single and grouped data.

Duration in weeks]

NE: Course Content
[approximate time allocation]

1. Ratio, proportion and percent, linear equations and inequalities, factoring, exponents

- 1. Algebra Review
- 2. and radicals

polynomials, quadratic equations, problems involving work, rates, etc.

3. Linear and non-linear functions, break-even and equilibrium problems, statistics, and intercepts

Q: Means of Assessment

Term Exams (3-4)	50%-60%
Final Exam	30%
Assignments	05%-15%
Participation	00%-5%

100%

Challenge exams only

Education Council/Curriculum Committee Representative

Course Designer

Dave Wadd

Dean

Registrar

Irish Angus

Jim Sato

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