

FUNCTIONAL

Date: JANUARY 1999

A: Division: INSTRUMENTAL

Faculty: COMMERCE AND BUSINESS
ADMINISTRATION

New Course:

Program: ACCOUNTING MANAGEMENT

Revision of Course

MAY 1999

FOR STUDENTS

LIST OF TEXTBOOKS AND MATERIALS TO BE PURCHASED

Wiley-Publication Company

Supplement: Linear Programming

Excel spreadsheet applications text as selected by instructor

Casey, Data Analysis with Microsoft Excel, Latest Ed.

Berk, Koen, and P. Course Technology

McGraw-Hill

Neufeld, Learning Business Statistics with Microsoft Excel, Latest Ed.

Bentley Hall

Texas Instruments BA-II+

Business Calculator

Texas Instruments BA35

Hewlett Packard 10B

Sharp EL-732

COURSE OBJECTIVES

The student will be able to:

1. perform interval estimation, hypothesis testing, and statistical inference

4. Analysis of Variance.

5. Linear regression: Least-Squares Method, r and r^2 , variance, t and f tests, estimation and prediction, computer solutions

estimation and prediction, qualitative variables, residuals

computing an aggregate index, deflating a series.

7. Index Numbers: price indices, c

components, smoothing, trend projection, seasonality.

8. Forecasting and Time Series: c
projection using regression.

decision-making with and without

9. Decision Analysis: structuring the problem, d
probabilities.

10. Linear Programming: formulating problems, solutions, sensitivity

0: METHOD OF INSTRUCTION