

FUNCTIONAL

Date: JANUARY 1999

A: Division: INSTRUMENTAL



Faculty: COMMERCE AND BUSINESS
ADMINISTRATION

New Course:

Program: ACCOUNTING MANAGEMENT

Revision of Course

MAY 1999

RY STUDENTS

N: 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, K. N. and P. C.

Course Technology

Neufeld, H. Learning Business Statistics with Microsoft Excel

Pentice Hall

Texas Instruments BA-II+

Business Calculator

Texas Instruments BA35

Hewlett Packard 10B

Sharp EL-732

OR 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