

FUNCTIONAL

Date: JANUARY 1999

A: Division: INSTR

Faculty: COMMERCE AND BUSINESS
ADMINISTRATION

New Course:

Program: ACCOUNTING MANAGEMENT

Revision of Course

MAY 199

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

McGraw-Hill

McGraw-Hill

Latest Ed.

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

6. Estimation and prediction, qualitative variables, residuals

computing an aggregate index, deflating a series.

7. Index Numbers: price indices, components, smoothing, trend projection, seasonality.

components, smoothing, trend projection, seasonality.

8. Forecasting and Time Series: components, smoothing, trend projection, seasonality, projection using regression.

decision-making with and without

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

10. Linear Programming: formulating problems, graphical and simplex solutions, sensitivity analysis

©: METHOD OF INSTRUCTION