



# International Summer Programme

UAS Nysa 2023

UNIVERSITY OF APPLIED SCIENCES IN NYSA  
INTERNATONAL SUMMER PROGRAMME 2023

## TITLE OF THE COURSE

Financial Management

## Visiting professor

Mahdy Elhusseiny

Professor of Finance

California State University, Bakersfield

## Short biogram

Mahdy Elhusseiny, Professor of Finance at California State University, Bakersfield (CSUB). Prior to CSUB, Dr. Elhusseiny held a faculty position at the University of South Dakota (USD) as an assistant professor of finance from September 2005 to September 2007. He moved to CSUB in September 2007. Dr Elhusseiny research interest focuses on testing Asset Pricing Models such as Arbitrage Pricing Theories (APT) and Capital Asset Pricing Models (CAPM) across different markets. He has presented numerous papers at national and international conferences. Dr. Elhusseiny is the recipient of many research grants and awards

## COURSE DESCRIPTION

Financial Management deals with theory and practice of financing the business firm under uncertainty. Also included in this course are: financial Markets, risk valuation, financial analysis and forecasting, capital budgeting, working capital management, and capital structure. Statistical and financial analysis also included utilizing computer applications with an emphasis on spread sheets.

## LEARNING OBJECTIVES:

This course is designed to acquaint students with the subject of finance. The focus of the course will be on material previously covered in economics, accounting, statistics, and corporate courses and translate them into financial decisions making process. You will be expected to: (1) apply *quantitative skills* to finance (selection of appropriate quantitative methods, financial calculations, analysis of financial statements and ratios), (2) demonstrate *knowledge of finance* as a functional area of business

(stockholder wealth maximization, capital investment, long term financing, capital structure, dividend policies and expansion, working capital, forecasting/planning), (3) *locate financial information*, and (4) *identify, formulate, and analyze financial decisions, policies, and strategies*.

**TEXT AND RELATED MATERIAL:**

- a. **Fundamentals of Financial Management** by Brigham and Houston, concise 10th Edition
- b. **Calculator:** A financial calculator is highly recommended for this course. Make sure that you are very comfortable with how your financial calculator works. It is student's responsibility to read their own calculator manual.

**COURSE COMPONENTS:**

- a. **Homework:** Homework problems will be assigned for each chapter but not collected. Since homework problems are viewed as essential to the understanding of the materials, students are strongly encouraged to attempt these problems.
  
- b. **Exams: 2 exams** will be given during the session. The exams will be based on homework questions, lecture, and text material. The format of the exam consists primarily of problems with some multiple choice and true/false.  
tentative and subject to change.

**GRADES:**

Your grade will be determined based on the following:

|                |      |
|----------------|------|
| Midterm Exam 2 | 40%  |
| Final Exam     | 50%  |
| Participation  | 10 % |
| TOTAL          | 100% |

| <u>Grade Range*</u> | <u>Grade</u> |
|---------------------|--------------|
| 90 to 100           | A            |
| 80 to 89            | B            |
| 70 to 79            | C            |
| 60 to 69            | D            |
| below 60            | F            |

**COURSE OUTLINE:**

| Chapter | Topic   |
|---------|---|
|         | <b>Introduction to Financial Management</b>         |
| 1       | An overview of Financial Management                 |
|         | <b>Fundamental Concepts in Financial management</b> |
| 2       | Financial Markets and Institutions                  |
| 3       | Financial Statements, Cash Flow, and Taxes          |
| 4       | Analysis of Financial Statements                    |
| 5       | Time Value of Money                                 |

|    |   |
|----|---|
|    | <b>Financial Assets</b>   |
| 6  | Interest Rates  |
| 7  | Bonds and Their valuation   |
| 8  | Risk and Rates of Returns   |
| 9  | Stocks and Their Valuation  |
|    | <b>Capital Budgeting</b>  |
| 11 | The Basics of Capital Budgeting   |
| 12 | Cash Flow Estimation and Risk Analysis  |
|    | <b>Capital Structure</b>  |
| 10 | The Cost of Capital (WACC)  |
| 13 | Capital Structure and Leverages (the impact of leverage on capital structure) |
| 14 | Distributions to Shareholders: Dividends and Share Repurchases                |
|    | <b>Working Capital Management</b>   |
| 15 | Working Capital Management  |
| 16 | Financial Planning and Forecasting  |

**The course stage:** Bachelor

**Language of instruction:** English

**Duration:** 26<sup>th</sup> June – 7<sup>th</sup> July 2023

**Working time (lesson hours – 45 min- a day):** 4

**Number of ECTS credits:** 4

**Teaching Method:** Lecture and Practices.

**Maximum number of students in the class:** 30