Financial Modeling and Forecasting with Excel

General Objectives:

This course aims to provide participants with the knowledge and practices necessary to build financial models that allow them to develop better financial analysis and forecasting, risk analysis and inform some of the decision making.

Specific Objectives:

At the end of this course, participants will know how to:

- Create financial models according to the needs of their Company;
- Quantify uncertainties inherent in forecasting models with multiple risk analysis techniques;
- Improve and make more cost-effective decision-making processes using advanced financial methods;
- Evaluate patterns based on company financial histories;
- Identify and utilize key company factors and include them in the forecasting model;
- Effectively communicate and communicate the results of their models to staff and management.

Recipients:

This course is intended for all financial professionals who need to build and analyze financial models.

Duration:

30 Hours

Content Program:

Module I - Introduction

- Need and Importance of the Realization of Forecast Models;
- Different Types of Forecasts;
- The Financial Function, Financial Management and Financial Models.

Module II - Financial theories used in the creation of models

- The different Basic Principles in Finance;
- Theories on the Cost of Capital;
- Capital Structure Theories.

Module III - The Best Techniques in Model Building

Module IV - Statistical and Forecasting Models

- Regression Models;
- Extrapolation Models.

Module V - Creating financial models using Microsoft Excel

- Investment Analysis Models;
- Financing Analysis Models;
- Financial Statement Analysis Models.

Module VI - Risk and Uncertainty - Main Models Used

- Identification and Attitude towards the sources of greatest risk and
- uncertainty;
- Sensitivity Analysis;
- Scenario Analysis;
- Limitations of Forecasting Models.