

**CHARTERED**   
INSTITUTE OF PROFESSIONAL CERTIFICATIONS

# CHARTERED FINANCIAL FORECASTING, BUDGETING AND MODELING PROFESSIONAL™

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## CFBM™

**Fully Accredited  
By:**

Chartered Institute of  
Professional Certifications

CPD  
Certification Service





# PROGRAM OVERVIEW



This accredited program will provide you with a complete framework of financial forecasting, budgeting and modeling in a practical and accessible way, helping finance leaders **reduce uncertainty** in their planning and budgeting process. With thorough coverage of financial models and proven applications, this program will guide you through a step-by-step process to **improve your financial forecasts and build solid budgeting plans with sophisticated financial models.**

You will be exposed to a wide array of **financial forecasting techniques that will increase the accuracy of your forecasting, harness the power of Excel to create dynamic time series forecasts and improve your overall budgeting framework** with proven techniques including Activity Based Costing, Activity Based Budgeting, Zero Base Budgeting and so on to help your organization save considerably on discretionary spending.

By the end of the program and upon passing the chartered exam, you will have earned the **Chartered Financial Forecasting, Budgeting and Modeling Professional (CFBM™)** which you can use to demonstrate your professional credentials and track record in the field of financial modeling, forecasting and budgeting.

Globally demanded and recognized, this designation is an industry-recognized trademarked charter developed by the Chartered Institute of Professional Certifications and has lifelong validity. It's also fully accredited by CIPD (Chartered Institute of Personnel and Development), with 160,000 membership organizations worldwide.

## ACCREDITATIONS



4.8



4.6



# KEY SKILLS YOU WILL GAIN

## From This Program



**FINANCIAL FORECASTING  
FINANCIAL MODELING  
FINANCIAL BUDGETING  
FINANCIAL ANALYSIS**

**ADVANCE EXCEL FUNCTIONS  
EXCEL FORECAST FUNCTIONS  
QUALITATIVE FORECASTING  
TIME SERIES ANALYSIS**

**FUNCTIONAL BUDGETING  
R STATISTICAL LANGUAGE  
BUDGETING  
ACTIVITY BASED COSTING**

**ACTIVITY BASED BUDGETING  
ZERO BASE BUDGETING  
FINANCIAL DECISION MAKING MODELS  
FINANCIAL STATEMENTS REVIEW  
GOAL SEEK**

**VARIANCE ANALYSIS  
STRATEGIC FINANCING PLANNING**

# YOUR FACULTY DIRECTOR



## Duncan Williamson

### Award Winning Author, Faculty Leader and Contributor

Duncan Williamson is an author, trainer and business consultant specializing in Financial, Management Accounting and Spreadsheet Modelling with a sustained record of success established in the Financial and Commercial marketplaces. He is an inspirational presenter whose excellent communication skills have been demonstrated across countries and cultures assisting executive professionals to achieve their full potential.

Duncan's international experience includes multimillion dollars projects and consultancies carried out in the Middle East, Africa, Central Asia, South Asia, the Caucasus, the Balkans, Central Europe and Denmark. In addition to working as a consultant and trainer, Duncan worked in a wide variety of settings, ranging from working as a management accountant in process industries in the UK to product cost consulting in several industries in Eastern Europe and the Oil and Gas industry in the Middle East.

Duncan has published widely over the years on cost and management accounting, and is a major contributor to various magazines, journals and websites. Duncan is a best-selling author across many financial books including "Excel Power Query". Prior to that, he has written "Excel Solutions for Accountants" in three volumes in June 2015, and "The Accounting and Bookkeeping Coach", published in April 2014.

# OUR PARTICIPANTS

Over 70% of FORTUNE 500 Companies Have Attended Our Accredited Programs Before



Goldman Sachs



SAMSUNG



ExxonMobil



BURBERRY



citi



IKEA



VOLVO



HYUNDAI



Pfizer

Life is our life's work



Nestlé®

# PROGRAM AGENDA



## MODULE 1 - INTRODUCTORY MATERIAL

Introduction 1 : Spreadsheet and Modeling Best Practice - Part 1  
Introduction 1: Spreadsheet and Modeling Best Practice - Part 2  
Introduction 1: Spreadsheet and Modeling Best Practice - Part 3  
Introduction 1 : Spreadsheet and Modeling Best Practice - Part 4  
Introduction 2 : Spreadsheet Competency Framework

## MODULE 2 - OVERVIEW OF FORECASTING

Lesson 1: Overview of Forecasting  
Lesson 2: Smoothing Methods  
Lesson 3: Associative Techniques  
Lesson 4: Basic Steps in Forecasting - Part 1  
Lesson 4: Basic Steps in Forecasting - Part 2  
Lesson 4: Basic Steps in Forecasting - Part 3

## MODULE 3 - EXCEL'S BUILT IN FORECAST FUNCTIONS

Lesson 1: Excel's Built in Forecast Functions  
Lesson 2: FORECAST()  
Lesson 3: LINEST() + LOGEST()  
Lesson 4: Data Analysis ToolPak

Lesson 5: Exponential Smoothing, Moving Averages + Regression Analysis  
Lesson 6: Goal Seek + SOLVER  
Lesson 7: SOLVER + Trendline  
Lesson 8: Introduction to Dynamic Array Functions  
Lesson 9: Dynamic Array Functions  
Lesson 10: Excel's Built in Forecast Functions: Forecast Sheet Assist  
Lesson 11: Excel's Built in Forecast and Other Functions: Finance Functions - Part 1  
Lesson 12: Excel's Built in Forecast and Other Functions: Finance Functions - Part 2

## MODULE 4 - TIME SERIES ANALYSIS

Lesson 1: Time Series Analysis  
Lesson 2: STL Decomposition  
Lesson 3: Additional STL Decomposition  
Lesson 4: Time Series Analysis: Hockey Stick  
Lesson 5: Time Series Analysis: Cross Sectional Data

## MODULE 5 - QUALITATIVE FORECASTING TECHNIQUES

Lesson 1: Qualitative Forecasting Techniques

# PROGRAM AGENDA



## MODULE 6 - BUDGETING

- Lesson 1: Budgeting - Part 1
- Lesson 1: Budgeting - Part 2
- Lesson 1: Budgeting - Part 3
- Lesson 2: Introduction to Functional Budgeting: Bill of Materials
- Lesson 3: Functional Budgets: Hayes Manufacturing Example
- Lesson 4: Budgeting Interrelationships, Chart of Accounts, Functional Budgeting Example
- Lesson 5: Introduction to Scenario Manager

## MODULE 7 - APPLICATION OF BUDGETS

- Lesson 1: Application of Budgeting: Activity Based Budgeting
- Lesson 2: Application of Budgeting
- Lesson 3: Application of Budgeting: Introduction to Zero Base Budgeting
- Lesson 4: Application of Budgeting: Zero Based Budgeting
- Lesson 5: Application of Budgeting: Rolling Budgets and Beyond Budgeting - Part 1
- Lesson 5: Application of Budgeting: Rolling Budgets and Beyond Budgeting - Part 2
- Lesson 6: Application of Budgeting: Cost Driver - Part 1

- Lesson 6: Application of Budgeting: Cost Driver - Part 2
- Lesson 7: Application of Budgeting: Functional Budgets Examples - Part 1
- Lesson 7: Application of Budgeting: Functional Budgets Examples - Part 2
- Lesson 7: Application of Budgeting: Functional Budgets Examples - Part 3
- Lesson 7: Application of Budgeting: Functional Budgets Examples - Part 4

## MODULE 8 - MODELING IN GENERAL

- Lesson 1: Modeling in General
- Lesson 2: Operating Costs of a Private Jet
- Lesson 3: Built in Depreciation Functions
- Lesson 4: Multiple Depreciation
- Lesson 5: Amortisation of Debt
- Lesson 6: Receivables and Ageing
- Lesson 7: Normal and Abnormal Losses and Gains
- Lesson 8: Simple Interest Compound Interest
- Lesson 9: Simple Interest Compound Interest and Dynamic Array Functions
- Lesson 10: Single Cell Solution
- Lesson 11: Forecast Electricity Costs
- Lesson 12: Sales Forecasting and Scenario Planning

# PROGRAM AGENDA



Lesson 13: Scatterplot Matrix  
Lesson 14: Grouping Using Power Query - Part 1  
Lesson 14: Grouping Using Power Query - Part 2  
Lesson 15: Power Query Merge v Append

## **MODULE 9 - FINANCIAL MODELING IN PARTICULAR**

Lesson 1: Financial Modeling in Particular - Part 1  
Lesson 1: Financial Modeling in Particular - Part 2  
Lesson 1: Financial Modeling in Particular - Part 3

## **MODULE 10 - CHARTING IN EXCEL AND RSTUDIO SPECTACULAR AND MORE ORDINARY CHARTS**

Lesson 1: Charting in Excel and RStudio Spectacular Charts  
Lesson 2: Charting in Excel and RStudio Spectacular and More Ordinary Charts Ogive  
Lesson 3: Charting in Excel and RStudio Spectacular and More Ordinary Charts Sunburst  
Lesson 4: Charting in Excel and RStudio Spectacular and More Ordinary Charts Waffle  
Lesson 5: Charting in Excel and RStudio Spectacular and More Ordinary Charts Raincloud

## **EXAMINATION**

# YOUR CHARTER DESIGNATION



Chartered Institute of Professional Certification's programs are unique as they provide you with professional charter designation and mark that can be used across your lifetime once you have completed our programs.

After completing the program and passing the exam, you will be awarded the: **Chartered Financial Forecasting, Budgeting and Modeling Professional (CFBM™) designation** that can be used in your resume, CV and other professional credentials. This designation is a global trademark and industry-recognized with lifelong validity.

Globally demanded and recognized, this designation will help you distinguish your financial forecasting and budgeting skillsets and demonstrate that you have attained expertise **in one of the most powerful financial tools in business: a reliable financial forecast that will help your company make better financial decisions.** According to Robert Half salary review, finance leaders with solid financial forecasting and budgeting skillsets is one of the most desired skills in finance today and typically see up to 20% increase in compensation.

# ABOUT US

49,525

Business Leaders Have  
Attained Their Chartered  
Certifications Since 2009

390

Certified and Fully  
Accredited Programs

87%

Chartered Leaders Have  
Reported Career Promotions  
and Enhancements

## Chartered Institute of Professional Certifications

All of Chartered Institute of Professional Certifications programs are fully accredited programs. The professional charter and designations are trademarked credentials that can only be used by professionals who have completed and passed our accredited program. It is also independently accredited by CPD as adhering to the highest standards of continuing professional principles.

**CHARTERED**   
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# OUR FACULTY DIRECTORS

We Collaborate With  
Instructors From  
Renowned Institutions



**HARVARD**  
UNIVERSITY



**Wharton**  
UNIVERSITY of PENNSYLVANIA



**Stanford University**



**UNIVERSITY OF MICHIGAN**



**THE LONDON SCHOOL  
OF ECONOMICS AND  
POLITICAL SCIENCE**



**Columbia  
Business  
School**

**London  
Business  
School**



# CONTACT US TODAY

We Thank You for Your Ongoing Support  
of Our Programs

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