

CHARTERED 
INSTITUTE OF PROFESSIONAL CERTIFICATIONS

CHARTERED FINANCIAL FORECASTING, BUDGETING AND MODELING PROFESSIONAL™

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



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 
INSTITUTE OF PROFESSIONAL CERTIFICATIONS

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

Singapore and Asia Pacific Enquiries

Email: advisor@charteredcertifications.com
Phone: +65 6716 9980
Address: Chartered Institute of Professional Certifications
1 Gateway Drive
#20-04 Westgate Tower
Singapore 608531

Australia and New Zealand Enquiries

Email: advisor@charteredcertifications.com
Phone: +61 3 9909 7310
Address: Chartered Institute of Professional Certifications
530 Little Collins Street, Level 1
Melbourne VIC 3000, Australia

UK, Europe and Middle East Enquiries

Email: advisor@charteredcertifications.com
Phone: +44 (020) 335 57898
Address: Chartered Institute of Professional Certifications
86-90 Paul Street
London, EC2A 4NE

USA Enquiries

Email: advisor@charteredcertifications.com
Phone: +1 888 745 8875
Address: Chartered Institute of Professional Certifications
99 Wall Street #3936
New York, NY 10005