



Chartered Wealth Manager Qualification

Portfolio Construction Theory

Edition 4, January 2017

This workbook relates to syllabus
version 6 and will cover exams from
30 June 2017 to 6 December 2017



Welcome to the Chartered Institute for Securities & Investment's Portfolio Construction Theory study material.

This workbook has been written to prepare you for the Chartered Institute for Securities & Investment's Portfolio Construction Theory examination.

Candidates sitting the Chartered Wealth Manager titles will be provided with an Information Pack along with the question paper for the exam. This contains taxation rates and allowances for the relevant tax year and tables of gilt market prices.

Published by:

Chartered Institute for Securities & Investment

© Chartered Institute for Securities & Investment 2016

20 Fenchurch Street

London

EC3M 3BY

Tel: +44 20 7645 0600

Fax: +44 20 7645 0601

Email: customersupport@cisi.org

www.cisi.org/qualifications

Author:

Quintin Rayer

Reviewers:

Valeria Locatelli

Alan Wishart

This is an educational workbook only and the Chartered Institute for Securities & Investment accepts no responsibility for persons undertaking trading or investments in whatever form.

While every effort has been made to ensure its accuracy, no responsibility for loss occasioned to any person acting or refraining from action as a result of any material in this publication can be accepted by the publisher or authors.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without the prior permission of the copyright owner.

Warning: any unauthorised act in relation to all or any part of the material in this publication may result in both a civil claim for damages and criminal prosecution.

A learning map, which contains the full syllabus, appears at the end of this workbook. The syllabus can also be viewed on cisi.org and is also available by contacting the Customer Support Centre on +44 20 7645 0777. Please note that the examination is based upon the syllabus. Candidates are reminded to check the Candidate Update area details (cisi.org/candidateupdate) on a regular basis for updates as a result of industry change(s) that could affect their examination.

Workbook version: 4.1 (January 2017)

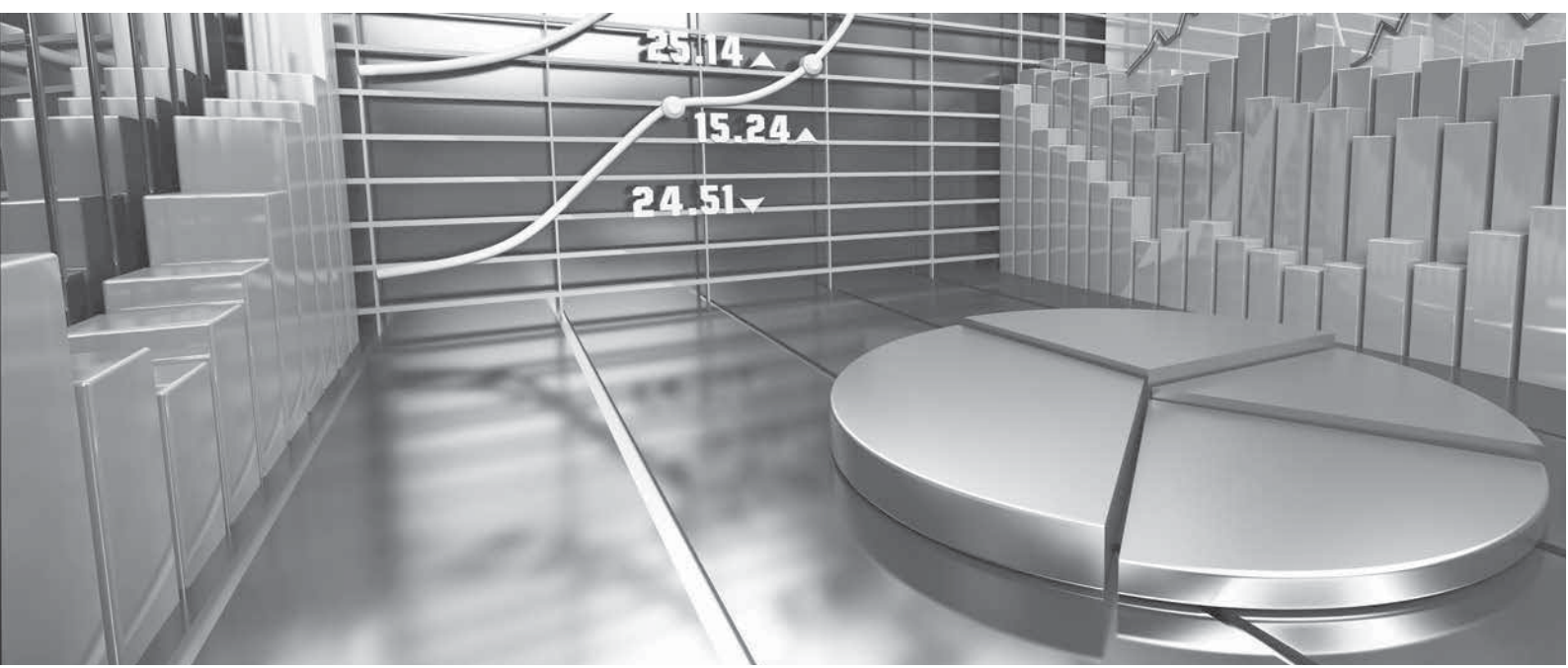
Fundamentals of Investment Theory	1	1
Principal Asset Classes	83	2
Collective Investments.	175	3
Asset Allocation Strategies	231	4
Modern Portfolio Theory and the Capital Asset Pricing Model	263	5
Behavioural Finance	327	6
The Efficient Market Hypothesis	351	7
Fund Management	385	8
Ethical and Socially Responsible Investment	421	9
Portfolio Performance	449	10
Sales Taxes	495	11
Tax Treatment of Onshore and Offshore Funds	515	12
International Taxation and Tax Planning	531	13
Glossary and Index	545	
Syllabus	575	

It is estimated that candidates will require approximately 200 hours of study time, including study of this workbook, any formal tuition and wider reading in order to be successful in the examination.

Chapter One

Fundamentals of Investment Theory

1. Introduction to Wealth Management	3
2. Investment Objectives	5
3. Fundamentals of Risk and Return	13
4. Correlation and Diversification	34
5. Client Circumstances	50
6. Interpretations of Risk	56
7. The Risk Premium	73



Learning Outcome 01

Be able to explain the fundamentals of investment theory

1. Introduction to Wealth Management

In this book we shall be examining the fundamentals of **investment theory** and looking at the insights provided from a number of sources as to the best practice for investment managers to construct a portfolio of investments to achieve desired objectives. Our focus is on **wealth management** practices, where the professional relationship between the wealth manager and their client is of even greater importance than for a money manager working in a traditional investment management firm. This relationship continues to evolve, and has been subject to some significant changes over the years, including:

- the **Treating Customers Fairly** (TCF) initiative (launched in July 2006)
- the **Retail Distribution Review** (RDR) that came into effect in 2012, and more recently
- when the **Financial Conduct Authority** (FCA) took over supervision of consumer protection from the Financial Services Authority (FSA), its 2013 Risk Outlook outlined the new conduct risk regime, which looks at the risks of banks' controls and operations failing. The FCA has referred to conduct risk in terms of *'consumer detriment arising from the wrong products ending up in the wrong hands, and the detriment to society of people not being able to get access to the right products'*.

This increased regulatory focus on adviser conduct continues today, with further consultations and advice reviews planned. In wealth management there is a personal aspect to the transactions, because portfolios are customised to the precise needs of individual clients.

In this chapter we shall be examining the process involved in developing, implementing and reviewing. The chapter will also lay down the theoretical foundations to understanding the risk and return aspects of modern investment theory. The approach taken in this book is focused on the application of techniques, and the level of mathematics used has been kept to a minimum level.

In addition to conventional skills, managers operating in wealth management need to have highly developed **client relationship skills**, requiring a commitment to the long-term goals of their clients. Representative clients are often **high-net-worth individuals** (HNWIs), entrepreneurs and their families, and wealthy retail clients. They seek bespoke solutions to their investment and financial planning problems. The entry bar for investment is usually set high, although some firms do provide financial planning and wealth management advisory services to individuals with a net worth in the range from £100k to £1 million. It is fair to say that a sizeable proportion of this group will not be educated in areas of finance, unlike institutional investors who invest in collective investment schemes. As a result, investing clients will be heavily reliant on the guidance, education and advisory capacities of the wealth manager and their team. The process of meeting client goals starts with an extensive **data-gathering** exercise that is specifically designed to understand the needs of the individual. This intelligence will serve as valuable input for developing well-defined investment solutions matched to **client objectives**. Knowledge and experience of the market's behaviour and characteristics will create opportunities to select the right securities and to construct a bespoke portfolio that can meet the client's future income