

# BRIEF CONTENTS

<b>PART 1</b>	<b>FINANCIAL INSTITUTIONS</b> .....	<b>1</b>
Chapter 1	A modern financial system: an overview .....	4
Chapter 2	Commercial banks .....	42
Chapter 3	Non-bank financial institutions .....	90
<b>PART 2</b>	<b>EQUITY MARKETS</b> .....	<b>129</b>
Chapter 4	The share market and the corporation .....	132
Chapter 5	Corporations issuing equity in the share market .....	160
Chapter 6	Investors in the share market .....	190
Chapter 7	Forecasting share price movements .....	224
<b>PART 3</b>	<b>THE CORPORATE DEBT MARKET</b> .....	<b>257</b>
Chapter 8	Mathematics of finance: an introduction to basic concepts and calculations .....	260
Chapter 9	Short-term debt .....	288
Chapter 10	Medium- to long-term debt .....	318
Chapter 11	International debt markets .....	352
<b>PART 4</b>	<b>GOVERNMENT DEBT, MONETARY POLICY, THE PAYMENTS SYSTEM AND INTEREST RATES</b> .....	<b>389</b>
Chapter 12	Government debt, monetary policy and the payments system .....	392
Chapter 13	An introduction to interest rate determination and forecasting .....	422
Chapter 14	Interest rate risk measurement .....	458
<b>PART 5</b>	<b>THE FOREIGN EXCHANGE MARKET</b> .....	<b>489</b>
Chapter 15	Foreign exchange: the structure and operation of the FX market .....	492
Chapter 16	Foreign exchange: factors that influence the exchange rate .....	520
Chapter 17	Foreign exchange: risk identification and management .....	546
<b>PART 6</b>	<b>DERIVATIVE MARKETS AND RISK MANAGEMENT</b> .....	<b>571</b>
Chapter 18	An introduction to risk management and derivatives .....	574
Chapter 19	Futures contracts and forward rate agreements .....	602
Chapter 20	Options .....	634
Chapter 21	Interest rate swaps, cross-currency swaps and credit default swaps .....	670

# CONTENTS IN FULL

Preface .....	xiv	Text at a glance .....	xviii
About the authors.....	xv	Connect.....	xxi
Acknowledgments.....	xv	Exploring finance on the web .....	xxii
Highlights of the eighth edition .....	xvi	Careers in finance.....	xxiv

## PART 1 FINANCIAL INSTITUTIONS 1

<b>CHAPTER 1</b>	<b>A MODERN FINANCIAL SYSTEM: AN OVERVIEW</b>	<b>4</b>
	<b>Learning objectives</b> .....	<b>4</b>
	1.1 Financial crises and the real economy .....	5
	1.2 The financial system and financial institutions .....	9
	1.3 Financial instruments .....	13
	1.4 Financial markets .....	16
	1.5 Flow of funds, market relationships and stability .....	28
	<b>Financial news case study</b> .....	<b>30</b>
	<i>Summary</i> .....	31
	<i>Extended learning A</i> Globalisation of the financial markets .....	34
	<i>Extended learning B</i> The impact of the Asian financial crisis on the financial system .....	36
	<i>Questions</i> .....	39
	<i>Key terms</i> .....	41
<b>CHAPTER 2</b>	<b>COMMERCIAL BANKS</b>	<b>42</b>
	<b>Learning objectives</b> .....	<b>42</b>
	2.1 The main activities of commercial banking .....	43
	2.2 Sources of funds .....	44
	2.3 Uses of funds .....	48
	2.4 Off-balance-sheet business .....	52
	2.5 Regulation and prudential supervision of commercial banks .....	56
	2.6 A background to the capital adequacy standards .....	57
	2.7 Basel II and Basel III .....	59
	2.8 Liquidity management and other supervisory controls .....	70
	<b>Financial news case study</b> .....	<b>73</b>
	<i>Summary</i> .....	74
	<i>Extended learning A</i> The standardised approach to credit risk .....	76
	<i>Extended learning B</i> Business continuity risk management .....	79
	<i>Extended learning C</i> Corporate governance and ethics .....	84
	<i>Questions</i> .....	85
	<i>Key terms</i> .....	88
<b>CHAPTER 3</b>	<b>NON-BANK FINANCIAL INSTITUTIONS</b>	<b>90</b>
	<b>Learning objectives</b> .....	<b>90</b>
	3.1 Investment banks .....	92



3.2	Managed funds	96
3.3	Cash management trusts	100
3.4	Public unit trusts	101
3.5	Superannuation funds	103
3.6	Life insurance offices	108
3.7	General insurance offices	111
3.8	Hedge funds	112
3.9	Finance companies and general financiers	113
3.10	Building societies	115
3.11	Credit unions	116
3.12	Export finance corporations	116
	<b>Financial news case study</b>	117
	<i>Summary</i>	119
	<i>Extended learning</i> Project finance and structured finance	121
	<i>Questions</i>	125
	<i>Key terms</i>	128

**PART 2****EQUITY MARKETS**

129

**CHAPTER 4****THE SHARE MARKET AND THE CORPORATION**

132

	<b>Learning objectives</b>	132
4.1	The nature of a corporation	133
4.2	The stock exchange	136
4.3	The primary market role of a stock exchange	137
4.4	The secondary market role of a stock exchange	139
4.5	The managed product and derivative product roles of a stock exchange	140
4.6	The interest rate market role of a stock exchange	145
4.7	The trading and settlement roles of a stock exchange	146
4.8	The information role of a stock exchange	148
4.9	The regulatory role of a stock exchange	149
4.10	The private equity market	150
	<b>Financial news case study</b>	151
	<i>Summary</i>	153
	<i>Questions</i>	157
	<i>Key terms</i>	159

**CHAPTER 5****CORPORATIONS ISSUING EQUITY IN THE SHARE MARKET**

160

	<b>Learning objectives</b>	160
5.1	The investment decision: capital budgeting	162
5.2	The financing decision: equity, debt and risk	165
5.3	Initial public offering	168
5.4	Listing a business on a stock exchange	171

	5.5 Equity-funding alternatives for listed companies	172
	<b>Financial news case study</b>	178
	<i>Summary</i>	179
	<i>Extended learning</i> Australian Securities Exchange (ASX) listing rule requirements	181
	<i>Questions</i>	185
	<i>Key terms</i>	188
<b>CHAPTER 6</b>	<b>INVESTORS IN THE SHARE MARKET</b>	<b>190</b>
	<b>Learning objectives</b>	190
	6.1 Share-market investment	192
	6.2 Buying and selling shares	195
	6.3 Taxation	196
	6.4 Financial performance indicators	199
	6.5 Pricing of shares	204
	6.6 Stock-market indices and published share information	209
	<b>Financial news case study</b>	214
	<i>Summary</i>	216
	<i>Questions</i>	219
	<i>Key terms</i>	222
<b>CHAPTER 7</b>	<b>FORECASTING SHARE PRICE MOVEMENTS</b>	<b>224</b>
	<b>Learning objectives</b>	224
	7.1 Fundamental analysis: the top-down approach	226
	7.2 Fundamental analysis: the bottom-up approach	231
	7.3 Technical analysis	233
	7.4 Electronic trading	241
	7.5 The random walk, efficient market and behavioural finance hypotheses	243
	<b>Financial news case study</b>	249
	<i>Summary</i>	251
	<i>Questions</i>	253
	<i>Key terms</i>	256
<b>PART 3</b>	<b>THE CORPORATE DEBT MARKET</b>	<b>257</b>
<b>CHAPTER 8</b>	<b>MATHEMATICS OF FINANCE: AN INTRODUCTION TO BASIC CONCEPTS AND CALCULATIONS</b>	<b>260</b>
	<b>Learning objectives</b>	260
	8.1 Simple interest	262
	8.2 Compound interest	269
	<b>Financial news case study</b>	281
	<i>Summary</i>	282
	<i>Questions</i>	284
	<i>Key terms</i>	287



<b>CHAPTER 9</b>	<b>SHORT-TERM DEBT</b>	<b>288</b>
	Learning objectives	288
	9.1 Trade credit	290
	9.2 Bank overdrafts	291
	9.3 Commercial bills	293
	9.4 Calculations: discount securities	298
	9.5 Promissory notes	303
	9.6 Negotiable certificates of deposit	306
	9.7 Inventory finance, accounts receivable financing and factoring	307
	Financial news case study	309
	Summary	310
	Questions	313
	Key terms	316
<b>CHAPTER 10</b>	<b>MEDIUM- TO LONG-TERM DEBT</b>	<b>318</b>
	Learning objectives	318
	10.1 Term loans or fully drawn advances	320
	10.2 Mortgage finance	325
	10.3 The bond market: debentures, unsecured notes and subordinated debt	328
	10.4 Calculations: fixed-interest securities	332
	10.5 Leasing	336
	Financial news case study	340
	Summary	341
	Extended learning Securitisation	343
	Questions	346
	Key terms	350
<b>CHAPTER 11</b>	<b>INTERNATIONAL DEBT MARKETS</b>	<b>352</b>
	Learning objectives	352
	11.1 The euromarkets	354
	11.2 Eurocurrency market	356
	11.3 Euronote market	358
	11.4 Eurobond market	362
	11.5 Markets in the USA	368
	11.6 Credit rating agencies	371
	Financial news case study	374
	Summary	375
	Extended learning A Novation, subparticipation and transferable loan certificates	378
	Extended learning B Convertible bonds and warrants	379
	Extended learning C US medium-term notes	380
	Extended learning D Standard & Poor's credit rating definitions	381
	Questions	383
	Key terms	386

## PART 4

GOVERNMENT DEBT, MONETARY POLICY, THE PAYMENTS SYSTEM  
AND INTEREST RATES

389

<b>CHAPTER 12</b>	<b>GOVERNMENT DEBT, MONETARY POLICY AND THE PAYMENTS SYSTEM</b>	<b>392</b>
	<b>Learning objectives</b> .....	392
	<b>12.1</b> The Commonwealth Government borrowing requirement .....	393
	<b>12.2</b> Commonwealth Government securities .....	396
	<b>12.3</b> State government securities .....	403
	<b>12.4</b> Monetary policy .....	404
	<b>12.5</b> The payments system .....	409
	<b>Financial news case study</b> .....	413
	<i>Summary</i> .....	414
	<i>Extended learning</i> Fixed-coupon Treasury bonds: price calculation using the AOFM formula .....	417
	<i>Questions</i> .....	418
	<i>Key terms</i> .....	420
<b>CHAPTER 13</b>	<b>AN INTRODUCTION TO INTEREST RATE DETERMINATION AND FORECASTING</b>	<b>422</b>
	<b>Learning objectives</b> .....	422
	<b>13.1</b> The macroeconomic context of interest rate determination .....	424
	<b>13.2</b> The loanable funds approach to interest rate determination .....	428
	<b>13.3</b> The term structure of interest rates .....	435
	<b>13.4</b> The risk structure of interest rates .....	444
	<b>Financial news case study</b> .....	446
	<i>Summary</i> .....	447
	<i>Extended learning</i> The yield curve and expectations theory calculations .....	449
	<i>Questions</i> .....	452
	<i>Key terms</i> .....	456
<b>CHAPTER 14</b>	<b>INTEREST RATE RISK MEASUREMENT</b>	<b>458</b>
	<b>Learning objectives</b> .....	458
	<b>14.1</b> Interest rate risk .....	460
	<b>14.2</b> Exposure management systems .....	461
	<b>14.3</b> Assets re-priced before liabilities principle .....	463
	<b>14.4</b> Pricing financial securities .....	464
	<b>14.5</b> Re-pricing gap analysis .....	467
	<b>14.6</b> Duration .....	469
	<b>14.7</b> Convexity .....	475
	<b>14.8</b> Interest rate risk management techniques .....	478
	<b>Financial news case study</b> .....	480
	<i>Summary</i> .....	481
	<i>Questions</i> .....	484
	<i>Key terms</i> .....	488



<b>PART 5</b>	<b>THE FOREIGN EXCHANGE MARKET</b>	<b>489</b>
<b>CHAPTER 15</b>	<b>FOREIGN EXCHANGE: THE STRUCTURE AND OPERATION OF THE FX MARKET</b>	<b>492</b>
	<b>Learning objectives</b>	492
	15.1 Exchange rate regimes	494
	15.2 Foreign exchange market participants	495
	15.3 The operation of the FX market	498
	15.4 Spot and forward transactions	500
	15.5 Spot market quotations	501
	15.6 Forward market quotations	506
	15.7 Economic and Monetary Union of the EU and the FX markets	511
	<b>Financial news case study</b>	512
	<i>Summary</i>	514
	<i>Questions</i>	516
	<i>Key terms</i>	519
<b>CHAPTER 16</b>	<b>FOREIGN EXCHANGE: FACTORS THAT INFLUENCE THE EXCHANGE RATE</b>	<b>520</b>
	<b>Learning objectives</b>	520
	16.1 The FX markets and an equilibrium exchange rate	522
	16.2 Factors that influence exchange rate movements	525
	16.3 Measuring exchange rate sensitivity to changes in economic variables	535
	<b>Financial news case study</b>	537
	<i>Summary</i>	538
	<i>Extended learning Purchasing power parity</i>	540
	<i>Questions</i>	542
	<i>Key terms</i>	545
<b>CHAPTER 17</b>	<b>FOREIGN EXCHANGE: RISK IDENTIFICATION AND MANAGEMENT</b>	<b>546</b>
	<b>Learning objectives</b>	546
	17.1 Foreign exchange risk policy formulation	548
	17.2 Measuring transaction exposure	552
	17.3 Risk management: market-based hedging techniques	558
	17.4 Risk management: internal hedging techniques	561
	<b>Financial news case study</b>	564
	<i>Summary</i>	566
	<i>Questions</i>	568
	<i>Key terms</i>	570
<b>PART 6</b>	<b>DERIVATIVE MARKETS AND RISK MANAGEMENT</b>	<b>571</b>
<b>CHAPTER 18</b>	<b>AN INTRODUCTION TO RISK MANAGEMENT AND DERIVATIVES</b>	<b>574</b>
	<b>Learning objectives</b>	574

	18.1	Understanding risk	576
	18.2	The risk management process	578
	18.3	Futures contract	582
	18.4	Forward contracts	584
	18.5	Option contracts	587
	18.6	Swap contracts	590
		<b>Financial news case study</b>	594
		<i>Summary</i>	595
		<i>Questions</i>	598
		<i>Key terms</i>	601
<b>CHAPTER 19</b>		<b>FUTURES CONTRACTS AND FORWARD RATE AGREEMENTS</b>	<b>602</b>
		<b>Learning objectives</b>	602
	19.1	Hedging using futures contracts	603
	19.2	Main features of a futures transaction	605
	19.3	Futures market instruments	609
	19.4	Futures market participants	610
	19.5	Hedging: risk management using futures	612
	19.6	Risks in using futures contracts for hedging	617
	19.7	Forward rate agreements	621
		<b>Financial news case study</b>	624
		<i>Summary</i>	626
		<i>Questions</i>	629
		<i>Key terms</i>	632
<b>CHAPTER 20</b>		<b>OPTIONS</b>	<b>634</b>
		<b>Learning objectives</b>	634
	20.1	The nature of options	635
	20.2	Option profit and loss payoff profiles	637
	20.3	The organisation of the market	643
	20.4	Factors affecting an option contract premium	647
	20.5	Option risk management strategies	652
		<b>Financial news case study</b>	663
		<i>Summary</i>	665
		<i>Questions</i>	667
		<i>Key terms</i>	669
<b>CHAPTER 21</b>		<b>INTEREST RATE SWAPS, CROSS-CURRENCY SWAPS AND CREDIT DEFAULT SWAPS</b>	<b>670</b>
		<b>Learning objectives</b>	670
	21.1	Interest rate swaps	672
	21.2	Rationale for the existence of interest rate swaps	676
	21.3	Cross-currency swaps	679
	21.4	Rationale for the existence of currency swaps	683



<b>21.5</b>	Credit default swaps	684
<b>21.6</b>	Credit and settlements risk associated with swaps	687
	<b>Financial news case study</b>	689
	<i>Summary</i>	689
	<i>Questions</i>	692
	<i>Key terms</i>	696
	Glossary	697
	Answers to true/false questions	720
	Index	723