

Contents

Preface xvi

PART ONE

INTRODUCTION TO BANKING AND FINANCIAL SERVICES 1

Chapter 1

An Overview of the Changing Financial-Services Sector 1

Key Topics in This Chapter 1

1–1 Introduction 1

1–2 What Is a Bank? 2

1–3 The Financial System and Competing Financial-
Service Institutions 5

Roles of the Financial System 5

The Competitive Challenge for Banks 5

Leading Competitors with Banks 6

1–4 Services Banks and Many of Their Closest
Competitors Offer the Public 8

Services Banks Have Offered for Centuries 8

Services Banks and Many of Their Financial-Service

Competitors Began Offering in the Past Century 11

Convenience: The Sum Total of All Banking
and Financial Services 14

1–5 Key Trends Affecting All Financial-Service
Firms—Crisis, Reform, and Change 15

1–6 The Plan of This Book 18

Summary 21

Key Terms 21

Problems and Projects 22

Internet Exercises 22

Real Numbers for Real Banks:

The Very First Case Assignment 23

Selected References 24

Appendix: Career Opportunities in Financial
Services 25

Chapter 2

The Impact of Government Policy and Regulation on the Financial-Services Industry 27

Key Topics in This Chapter 27

2–1 Introduction 27

2–2 Banking Regulation 28

Pros and Cons of Strict Rules 29

The Impact of Regulation—The Arguments for Strict Rules
versus Lenient Rules 30

2–3 Major Banking Laws—Where and When the
Rules Originated 31

Meet the “Parents”: The Legislation That Created Today’s
Bank Regulators 32

Instilling Social Graces and Morals—Social Responsibility
Laws 35

Legislation Aimed at Allowing Interstate Banking: Where
Can the “Kids” Play? 37

The Gramm-Leach-Bliley Act (1999): What Are
Acceptable Activities for Playtime? 38

The USA Patriot and Bank Secrecy Acts: Fighting
Terrorism and Money Laundering 39

Telling the Truth and Not Stretching It—The Sarbanes-
Oxley Accounting Standards Act (2002) 40

2–4 The 21st Century Ushers in an Array of New
Laws and Regulations—FINREG, The Basel Agreement,
and Other Rules Around the Globe 41

2–5 The Regulation of Nonbank Financial-Service
Firms Competing with Banks 49

Regulating the Thrift (Savings) Industry 49

Regulating Other Nonbank Financial Firms 50

Are Regulations Really Necessary in the Financial-Services
Sector? 51

2–6 The Central Banking System: Its Impact on the
Decisions and Policies of Financial Institutions 52

Organizational Structure of the Federal Reserve
System 52

The Central Bank’s Principal Task: Making and
Implementing Monetary Policy 53

Summary	59
Key Terms	60
Problems and Projects	60
Internet Exercises	61
Real Numbers for Real Banks:	
Continuing Case Assignment for Chapter 2	61
Selected References	62
Appendix: Central Bank Monetary Policy: Two Targets and The Great Recession of 2007–2009	64

Chapter 3

The Organization and Structure of Banking and the Financial-Services Industry 65

Key Topics in This Chapter	65
3–1 Introduction	65
3–2 The Organization and Structure of the Commercial Banking Industry	66
<i>Advancing Size and Concentration of Assets</i>	66
3–3 Internal Organization of the Banking Firm	67
<i>Community Banks and Other Community-Oriented Financial Firms</i>	68
<i>Larger Banks—Money Center, Wholesale and Retail Trends in Organization</i>	69
3–4 The Array of Organizational Structures and Types in the Banking Industry	71
<i>Unit Banking Organizations</i>	72
<i>Branching Organizations</i>	73
<i>Electronic Branching—Web Sites and Electronic Networks: An Alternative or a Supplement to Traditional Bank Branch Offices?</i>	76
<i>Holding Company Organizations</i>	77
3–5 Interstate Banking Organizations and the Riegle-Neal Interstate Banking and Branching Efficiency Act of 1994	81
<i>Research on Interstate Banking</i>	82
3–6 An Alternative Type of Banking Organization Available as the 21st Century Opened: Financial Holding Companies (FHCs)	83
3–7 Mergers and Acquisitions Reshaping the Structure and Organization of the Financial-Services Sector	85
3–8 The Changing Organization and Structure of Banking’s Principal Competitors	85
3–9 Efficiency and Size: Do Bigger Financial Firms Operate at Lower Cost?	87
<i>Efficiency in Producing Financial Services</i>	87
3–10 Financial Firm Goals: Their Impact on Operating Cost, Efficiency, and Performance	90

Summary	92
Key Terms	93
Problems and Projects	94
Real Numbers for Real Banks:	
Continuing Case Assignment for Chapter 3	95
Internet Exercises	95
Selected References	96

Chapter 4

Establishing New Banks, Branches, ATMs, Telephone Services, and Websites 99

Key Topics in This Chapter	99
4–1 Introduction	99
4–2 Chartering a New (<i>De Novo</i>) Financial-Service Institution	100
4–3 The Bank Chartering Process in the United States	101
4–4 Questions Regulators Usually Ask the Organizers of a New (<i>De Novo</i>) Bank	102
4–5 Factors Weighing on the Decision to Seek a New Charter	103
4–6 Volume and Characteristics of New Charters	104
4–7 How Well Do New Charters Perform?	104
4–8 Establishing Full-Service Branch Offices: Choosing Locations and Designing New Branches	106
<i>Desirable Sites for New Branches</i>	108
<i>Branch Regulation</i>	111
<i>The Changing Role of Financial-Service Branch Offices</i>	111
<i>In-Store Branching</i>	112
4–9 Establishing and Monitoring Automated Limited-Service Facilities (“Branchless Banking”)	113
<i>Point-of-Sale Terminals</i>	113
<i>Automated Teller Machines (ATMs)</i>	114
4–10 Banking in Homes, Offices, Stores, and on the Street	117
<i>Telephone Banking and Call Centers</i>	117
<i>Internet Banking</i>	118
4–11 Financial-Service Facilities of the Future	121
Summary	123
Key Terms	124
Problems and Projects	124
Internet Exercises	126
Selected References	126
Real Numbers for Real Banks:	
Continuing Case Assignment for Chapter 4	127

PART TWO

FINANCIAL STATEMENTS AND FINANCIAL-FIRM PERFORMANCE 129

Chapter 5

The Financial Statements of Banks and Their Principal Competitors 129

- Key Topics in This Chapter 129
- 5-1 Introduction 129
- 5-2 An Overview of Balance Sheets and Income Statements 130
- 5-3 The Balance Sheet (Report of Condition) 131
 - The Principal Types of Accounts* 131
 - Recent Expansion of Off-Balance-Sheet Items in Banking* 142
 - The Problem of Book-Value Accounting* 142
 - Auditing: Assuring Reliability of Financial Statements* 144
- 5-4 Components of the Income Statement (Report of Income) 145
 - Financial Flows and Stocks* 146
 - Comparative Income Statement Ratios for Different-Size Financial Firms* 151
- 5-5 The Financial Statements of Leading Nonbank Financial Firms: A Comparison to Bank Statements 151
- 5-6 An Overview of Key Features of Financial Statements and Their Consequences 153
- Summary 154
- Key Terms 155
- Problems and Projects 155
- Internet Exercises 160
- Selected References 161
- Real Numbers for Real Banks: Continuing Case Assignment for Chapter 5 162
- Appendix: Sources of Information on the Financial-Services Industry 164

Chapter 6

Measuring and Evaluating the Performance of Banks and Their Principal Competitors 167

- Key Topics in This Chapter 167
- 6-1 Introduction 167
- 6-2 Evaluating Performance 168
 - Determining Long-Range Objectives* 168
 - Maximizing the Value of the Firm: A Key Objective for Nearly All Financial-Service Institutions* 169

- Profitability Ratios: A Surrogate for Stock Values* 171
- Useful Profitability Formulas for Banks and Other Financial-Service Companies* 173
- Return on Equity and Its Principal Components* 174
- The Return on Assets and Its Principal Components* 178
- What a Breakdown of Profitability Measures Can Tell Us* 180
- Measuring Risk in Banking and Financial Services* 181
- Other Goals in Banking and Financial-Services Management* 188
- 6-3 Performance Indicators among Banking's Key Competitors 189
- 6-4 The Impact of Size on Performance 189
 - Size, Location, and Regulatory Bias in Analyzing the Performance of Banks and Competing Financial Institutions* 191
- Summary 192
- Key Terms 192
- Problems and Projects 193
- Internet Exercises 197
- Real Numbers for Real Banks: Continuing Case Assignment for Chapter 6 198
- Selected References 199
- Appendix: Using Financial Ratios and Other Analytical Tools to Track Financial-Firm Performance—The UBPR and BHCPR 201

PART THREE

TOOLS FOR MANAGING AND HEDGING AGAINST RISK 217

Chapter 7

Risk Management for Changing Interest Rates: Asset-Liability Management and Duration Techniques 217

- Key Topics in This Chapter 217
- 7-1 Introduction 217
- 7-2 Asset-Liability Management Strategies 218
 - Asset Management Strategy* 218
 - Liability Management Strategy* 218
 - Funds Management Strategy* 219
- 7-3 Interest Rate Risk: One of the Greatest Management Challenges 219
 - Forces Determining Interest Rates* 220
 - The Measurement of Interest Rates* 221
 - The Components of Interest Rates* 222
 - Responses to Interest Rate Risk* 225

7-4 One of the Goals of Interest Rate Hedging:
Protect the Net Interest Margin 225
*Interest-Sensitive Gap Management as a Risk-
Management Tool* 226
Problems with Interest-Sensitive GAP Management 234

7-5 The Concept of Duration as a Risk-
Management Tool 236
What Is Duration? 237
*Price Sensitivity to Changes in Interest Rates and
Duration* 238
Convexity and Duration 239

7-6 Using Duration to Hedge against Interest
Rate Risk 239

7-7 The Limitations of Duration Gap
Management 246
Summary 247
Key Terms 248
Problems and Projects 248
Internet Exercises 251
Real Numbers for Real Banks:
Continuing Case Assignment for Chapter 7 252
Selected References 254

Chapter 8

Risk Management: Financial Futures, Options, Swaps, and Other Hedging Tools 255

Key Topics in This Chapter 255

8-1 Introduction 255

8-2 Uses of Derivative Contracts among
FDIC-Insured Banks 256

8-3 Financial Futures Contracts: Promises of Future
Security Trades at a Set Price 257
The Short Hedge in Futures 262
The Long Hedge in Futures 263

8-4 Interest-Rate Options 270

8-5 Regulations and Accounting Rules for Bank
Futures and Options Trading 276

8-6 Interest-Rate Swaps 277

8-7 Caps, Floors, and Collars 283
Interest-Rate Caps 283
Interest-Rate Floors 283
Interest-Rate Collars 284

Summary 285
Key Terms 285
Problems and Projects 286
Internet Exercises 289

Real Numbers for Real Banks:
Continuing Case Assignment for Chapter 8 290
Selected References 291

Chapter 9

Risk Management: Asset-Backed Securities, Loan Sales, Credit Standbys, and Credit Derivatives 293

Key Topics in This Chapter 293

9-1 Introduction 293

9-2 Securitizing Loans and Other Assets 294
*The Beginnings of Securitization—The Home
Mortgage Market* 297
*Examples of Other Assets That Have Been
Securitized* 299
*The Impact of Securitization upon Lending
Institutions* 302
Regulators' Concerns about Securitization 302

9-3 Sales of Loans to Raise Funds and Reduce
Risk 303
Reasons behind Loan Sales 305
The Risks in Loan Sales 305

9-4 Standby Credit Letters to Reduce the
Risk of Nonpayment or Nonperformance 306
The Structure of SLCs 307
The Value and Pricing of Standby Letters 308
Sources of Risk with Standbys 308
Regulatory Concerns about SLCs 309
*Research Studies on Standbys, Loan Sales, and
Securitized Loans* 309

9-5 Credit Derivatives: Contracts for
Reducing Credit Risk Exposure on the
Balance Sheet 310
Credit Swaps 310
Credit Options 311
Credit Default Swaps (CDSs) 312
Credit-Linked Notes 314
Collateralized Debt Obligations (CDOs) 314
Risks Associated with Credit Derivatives 315

Summary 315
Key Terms 316
Problems and Projects 316
Internet Exercises 318
Real Numbers for Real Banks:
Continuing Case Assignment for Chapter 9 318
Selected References 319

PART FOUR

MANAGING INVESTMENT PORTFOLIOS AND LIQUIDITY POSITIONS FOR FINANCIAL FIRMS 321

Chapter 10

The Investment Function in Financial-Services Management 321

- Key Topics in This Chapter 321
- 10–1 Introduction 321
- 10–2 Investment Instruments Available to Financial Firms 322
- 10–3 Popular Money Market Investment Instruments 323
 - Treasury Bills* 323
 - Short-Term Treasury Notes and Bonds* 325
 - Federal Agency Securities* 325
 - Certificates of Deposit* 325
 - International Eurocurrency Deposits* 325
 - Bankers' Acceptances* 326
 - Commercial Paper* 326
 - Short-Term Municipal Obligations* 326
- 10–4 Popular Capital Market Investment Instruments 327
 - Treasury Notes and Bonds* 327
 - Municipal Notes and Bonds* 327
 - Corporate Notes and Bonds* 327
- 10–5 Investment Instruments Developed More Recently 328
 - Structured Notes* 328
 - Securitized Assets* 328
- 10–6 Investment Securities Held by Banks 330
- 10–7 Factors Affecting Choice of Investment Securities 332
 - Expected Rate of Return* 332
 - Tax Exposure* 333
 - Interest Rate Risk* 337
 - Credit or Default Risk* 338
 - Business Risk* 340
 - Liquidity Risk* 340
 - Call Risk* 340
 - Prepayment Risk* 340
 - Inflation Risk* 342
 - Pledging Requirements* 342
- 10–8 Investment Maturity Strategies 343

- 10–9 Maturity Management Tools 346
 - The Yield Curve* 346
 - Duration* 348
- Summary 350
- Key Terms 351
- Problems and Projects 351
- Internet Exercises 353
- Real Numbers for Real Banks:
- Continuing Case Assignment for Chapter 10 354
- Selected References 356

Chapter 11

Liquidity and Reserves Management: Strategies and Policies 359

- Key Topics in This Chapter 359
- 11–1 Introduction 359
- 11–2 The Demand for and Supply of Liquidity 360
- 11–3 Why Financial Firms Often Face Significant Liquidity Problems 362
- 11–4 Strategies for Liquidity Managers 363
 - Asset Liquidity Management (or Asset Conversion) Strategies* 363
 - Borrowed Liquidity (Liability) Management Strategies* 364
 - Balanced Liquidity Management Strategies* 365
 - Guidelines for Liquidity Managers* 366
- 11–5 Estimating Liquidity Needs 366
 - The Sources and Uses of Funds Approach* 367
 - The Structure of Funds Approach* 370
 - Liquidity Indicator Approach* 374
 - The Ultimate Standard for Assessing Liquidity Needs: Signals from the Marketplace* 376
- 11–6 Legal Reserves and Money Position Management 378
 - Regulations on Calculating Legal Reserve Requirements* 378
 - Factors Influencing the Money Position* 382
- 11–7 Factors in Choosing among the Different Sources of Reserves 386
- 11–8 Central Bank Reserve Requirements around the Globe 388
- Summary 388
- Key Terms 389
- Problems and Projects 389
- Internet Exercises 393

Real Numbers for Real Banks:
 Continuing Case Assignment for Chapter 11 394
 Selected References 395

PART FIVE
MANAGING SOURCES OF FUNDS
FOR A FINANCIAL FIRM 397

Chapter 12
Managing and Pricing Deposit
Services 397

Key Topics in This Chapter 397
 12–1 Introduction 397
 12–2 Types of Deposits Offered by Depository
 Institutions 398
 Transaction (Payments or Demand) Deposits 398
 Nontransaction (Savings or Thrift) Deposits 400
 Retirement Savings Deposits 401
 12–3 Interest Rates Offered on Different Types of
 Deposits 401
 The Composition of Deposits 402
 The Ownership of Deposits 403
 The Cost of Different Deposit Accounts 404
 12–4 Pricing Deposit-Related Services 406
 12–5 Pricing Deposits at Cost Plus Profit Margin 407
 12–6 New Deposit Insurance Rules—Insights and
 Issues 408
 12–7 Using Marginal Cost to Set Interest Rates on
 Deposits 409
 Conditional Pricing 411
 12–8 Pricing Based on the Total Customer
 Relationship and Choosing a Depository 414
 The Role That Pricing and Other Factors Play When
 Customers Choose a Depository Institution to Hold Their
 Accounts 415
 12–9 Basic (Lifeline) Banking: Key Services for Low-
 Income Customers 417
 Summary 418
 Key Terms 419
 Problems and Projects 420
 Internet Exercises 422
 Real Numbers for Real Banks:
 Continuing Case Assignment for Chapter 12 422
 Selected References 425

Chapter 13
Managing Nondeposit Liabilities 427

Key Topics in This Chapter 427
 13–1 Introduction 427

13–2 Liability Management and the Customer
 Relationship Doctrine 427
 13–3 Alternative Nondeposit Sources of Funds 430
 Federal Funds Market (“Fed Funds”) 430
 Repurchase Agreements as a Source of Funds 433
 Borrowing from Federal Reserve Banks 436
 Advances from Federal Home Loan Banks 437
 Development and Sale of Large Negotiable CDs 438
 The Eurocurrency Deposit Market 439
 Commercial Paper Market 441
 Long-Term Nondeposit Funds Sources 442
 13–4 Choosing among Alternative Nondeposit
 Sources 443
 Measuring a Financial Firm’s Total Need for Nondeposit
 Funds: The Available Funds Gap 443
 Nondeposit Funding Sources: Factors to
 Consider 444
 Summary 451
 Key Terms 452
 Problems and Projects 452
 Internet Exercises 454
 Real Numbers for Real Banks:
 Continuing Case Assignment for Chapter 13 455
 Selected References 456

Chapter 14
Investment Banking, Insurance, and
Other Sources of Fee Income 457

Key Topics in This Chapter 457
 14–1 Introduction 457
 14–2 Sales of Investment Banking Services 458
 Key Investment Banking Services 459
 Linkages between Commercial and Investment
 Banking 461
 Possible Advantages and Disadvantages of Linking
 Commercial and Investment Banking 462
 Key Issues for Investment Banks of the Future 463
 14–3 Selling Investment Products to
 Consumers 464
 Mutual Fund Investment Products 464
 Annuity Investment Products 466
 The Track Record for Sales of Investment
 Products 466
 Risks and Rules for Selling Investment Products 467
 14–4 Trust Services as a Source of Fee Income 468
 14–5 Sales of Insurance-Related Products 470
 Types of Insurance Products Sold Today 471
 Rules Covering Insurance Sales by Federally Insured
 Depository Institutions 472

14–6 The Alleged Benefits of Financial-Services Diversification	473
<i>An Example of the Product-Line Diversification Effect</i>	
<i>Reducing Risk</i>	473
<i>Potential Economies of Scale and Scope</i>	476
14–7 Information Flows within the Financial Firm	476
Summary	478
Key Terms	479
Problems and Projects	479
Internet Exercises	480
Real Numbers for Real Banks:	
Continuing Case Assignment for Chapter 14	481
Selected References	482

Chapter 15

The Management of Capital 485

Key Topics in This Chapter	485
15–1 Introduction	485
15–2 The Many Tasks Capital Performs	486
15–3 Capital and Risk	487
<i>Key Risks in Banking and Financial Institutions'</i> <i>Management</i>	487
<i>Defenses against Risk</i>	488
15–4 Types of Capital in Use	489
<i>Relative Importance of Different Sources of Capital</i>	490
15–5 One of the Great Issues in the History of Banking: How Much Capital Is Really Needed?	492
<i>Regulatory Approach to Evaluating Capital Needs</i>	492
15–6 The Basel Agreement on International Capital Standards: A Continuing Historic Contract among Leading Nations	493
<i>Basel I</i>	494
<i>Capital Requirements Attached to Derivatives</i>	497
<i>Basel II:</i>	502
<i>Basel III: Another Major Regulatory Step Underway,</i> <i>Born in Global Crisis</i>	505
15–7 Changing Capital Standards Inside the United States	506
15–8 Planning to Meet Capital Needs	507
<i>Raising Capital Internally</i>	508
<i>Raising Capital Externally</i>	509
Summary	512
Key Terms	513
Problems and Projects	514
Internet Exercises	516
Real Numbers for Real Banks:	
Continuing Case Assignment for Chapter 15	517
Selected References	518

PART SIX

PROVIDING LOANS TO BUSINESSES AND CONSUMERS 521

Chapter 16

Lending Policies and Procedures: Managing Credit Risk 521

Key Topics in This Chapter	521
16–1 Introduction	521
16–2 Types of Loans	522
<i>Factors Determining the Growth and Mix of Loans</i>	522
16–3 Regulation of Lending	525
<i>Establishing a Good Written Loan Policy</i>	527
16–4 Steps in the Lending Process	528
16–5 Credit Analysis: What Makes a Good Loan?	530
1. <i>Is the Borrower Creditworthy? The Cs of Credit</i>	530
2. <i>Can the Loan Agreement Be Properly Structured and Documented?</i>	534
3. <i>Can the Lender Perfect Its Claim against the Borrower's Earnings and Any Assets That May Be Pledged as Collateral?</i>	534
16–6 Sources of Information about Loan Customers	537
16–7 Parts of a Typical Loan Agreement	539
16–8 Loan Review	542
16–9 Loan Workouts	543
Summary	545
Key Terms	545
Problems and Projects	546
Internet Exercises	548
Real Numbers for Real Banks:	
Continuing Case Assignment for Chapter 16	548
Selected References	550

Chapter 17

Lending to Business Firms and Pricing Business Loans 551

Key Topics in This Chapter	551
17–1 Introduction	551
17–2 Brief History of Business Lending	552
17–3 Types of Business Loans	552
17–4 Short-Term Loans to Business Firms	552
<i>Self-Liquidating Inventory Loans</i>	552
<i>Working Capital Loans</i>	553
<i>Interim Construction Financing</i>	554
<i>Security Dealer Financing</i>	554
<i>Retailer and Equipment Financing</i>	554

- Asset-Based Financing 555
- Syndicated Loans (SNCs) 555
- 17–5 Long-Term Loans to Business Firms 556
 - Term Business Loans 556
 - Revolving Credit Financing 556
 - Long-Term Project Loans 557
 - Loans to Support the Acquisition of Other Business Firms—Leveraged Buyouts 558
- 17–6 Analyzing Business Loan Applications 558
 - Analysis of a Business Borrower’s Financial Statements 559
- 17–7 Financial Ratio Analysis of a Customer’s Financial Statements 560
 - The Business Customer’s Control over Expenses 562
 - Operating Efficiency: Measure of a Business Firm’s Performance Effectiveness 562
 - Marketability of the Customer’s Product or Service 563
 - Coverage Ratios: Measuring the Adequacy of Earnings 564
 - Liquidity Indicators for Business Customers 565
 - Profitability Indicators 566
 - The Financial Leverage Factor as a Barometer of a Business Firm’s Capital Structure 567
- 17–8 Comparing a Business Customer’s Performance to the Performance of Its Industry 567
 - Contingent Liabilities 569
- 17–9 Preparing Statements of Cash Flows from Business Financial Statements 570
 - Pro Forma Statements of Cash Flows and Balance Sheets 573
 - The Loan Officer’s Responsibility to the Lending Institution and the Customer 575
- 17–10 Pricing Business Loans 577
 - The Cost-Plus Loan Pricing Method 577
 - The Price Leadership Model 578
 - Below-Prime Market Pricing 580
 - Customer Profitability Analysis (CPA) 580
- Summary 584
- Key Terms 585
- Problems and Projects 585
- Real Numbers for Real Banks:
 - Continuing Case Assignment for Chapter 17 589
 - Internet Exercises 589
 - Selected References 590

Chapter 18

Consumer Loans, Credit Cards, and Real Estate Lending 593

- Key Topics in This Chapter 593
- 18–1 Introduction 593
- 18–2 Types of Loans Granted to Individuals and Families 594
 - Residential Loans 594

- Nonresidential Loans 595
 - Credit Card Loans and Revolving Credit 595
 - New Credit Card Regulations 596
 - New Consumer Rules: Dodd-Frank, The CARD Act, and The New Consumer Protection Bureau 597
 - Debit Cards: A Partial Substitute for Credit Cards? 598
 - Rapid Consumer Loan Growth: Rising Debt-to-Income Ratios 598
- 18–3 Characteristics of Consumer Loans 599
- 18–4 Evaluating a Consumer Loan Application 599
- 18–5 Example of a Consumer Loan Application 601
- 18–6 Credit Scoring Consumer Loan Applications 604
 - The FICO Scoring System 607
- 18–7 Laws and Regulations Applying to Consumer Loans 609
 - Customer Disclosure Requirements 609
 - Outlawing Credit Discrimination 610
 - Predatory Lending and Subprime Loans 611
- 18–8 Real Estate Loans 613
 - Differences between Real Estate Loans and Other Loans 613
 - Factors in Evaluating Applications for Real Estate Loans 613
 - Home Equity Lending 615
 - The Most Controversial of Home Mortgage Loans: Interest-Only and Adjustable Mortgages and the Recent Mortgage Crisis 616
- 18–9 A Revised Federal Bankruptcy Code as Bankruptcy Filings Soar 618
- 18–10 Pricing Consumer and Real Estate Loans: Determining the Rate of Interest and Other Loan Terms 620
 - The Interest Rate Attached to Nonresidential Consumer Loans 620
 - Interest Rates on Home Mortgage Loans 624
- Summary 626
- Key Terms 626
- Problems and Projects 627
- Internet Exercises 630
- Real Numbers for Real Banks:
 - Continuing Case Assignment for Chapter 18 630
 - Selected References 631

PART SEVEN

MANAGING THE FUTURE IN A GLOBAL MARKETPLACE 633

Chapter 19

Acquisitions and Mergers in Financial-Services Management 633

- Key Topics in This Chapter 633
- 19–1 Introduction 633
- 19–2 Mergers on the Rise 634

19–3 The Motives behind the Rapid Growth of Financial-Service Mergers	636
<i>The Credit Crisis: Impact on Mergers</i>	638
19–4 Selecting a Suitable Merger Partner	640
19–5 The Merger and Acquisition Route to Growth	643
19–6 Methods of Consummating Merger Transactions	645
19–7 Regulatory Rules for Bank Mergers in the United States	646
<i>Justice Department Guidelines</i>	647
<i>The Merger Decision-Making Process by U.S. Federal Regulators</i>	649
19–8 Merger Rules in Europe and Asia	650
19–9 Making a Success of a Merger	651
19–10 Research Findings on the Impact of Financial-Service Mergers	653
<i>The Financial and Economic Impact of Acquisitions and Mergers</i>	653
<i>Public Benefits from Mergers and Acquisitions</i>	655
Summary	655
Key Terms	656
Problems and Projects	657
Internet Exercises	658
Selected References	658
Real Numbers for Real Banks:	
Continuing Case Assignment for Chapter 19	659

Chapter 20

International Banking and the Future of Banking and Financial Services 661

Key Topics in This Chapter	661
20–1 Introduction	661
20–2 Types of International Banking Organizations	662
20–3 Regulation of International Banking	665
<i>Goals of International Banking Regulation</i>	665
<i>U.S. Banks' Activities Abroad</i>	666

<i>Expansion and Regulation of Foreign Bank Activity in the United States</i>	666
<i>New Capital Regulations for Major Banks Worldwide: The Path from Basel I and II to Basel III</i>	668
20–4 Services Supplied by Banks in International Markets	669
<i>Making Foreign Currencies Available to Customers</i>	669
<i>Hedging against Foreign Currency Risk Exposure</i>	670
<i>Other Tools for Reducing Currency Risk</i>	672
<i>Supplying Customers with Short- and Long-Term Credit or Credit Guarantees</i>	674
<i>Supplying Payments and Thrift (Savings) Instruments to International Customers</i>	675
<i>Underwriting Customer Note and Bond Issues in the Eurobond Market</i>	676
<i>Protecting Customers against Interest Rate Risk</i>	677
<i>Helping Customers Market Their Products through Export Trading Companies</i>	678
20–5 Challenges for International Banks in Foreign Markets	678
<i>Growing Customer Use of Securities Markets to Raise Funds in a More Volatile and Risky World</i>	678
<i>Developing Better Methods for Assessing Risk in International Lending</i>	679
<i>Adjusting to New Market Opportunities Created by Deregulation and New International Agreements</i>	681
20–6 The Future of Banking and Financial Services	685
Summary	689
Key Terms	690
Problems and Projects	691
Real Numbers for Real Banks:	
Continuing Case Assignment for Chapter 20	692
Internet Exercises	693
Selected References	693

Dictionary of Banking and Financial-Service Terms 695

Index 713