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PREFACE

We had two main goals in writing this book:

- To make close contact with current macroeconomic events: What makes macroeconomics exciting is the light it sheds on what is happening around the world, from the major economic crisis that has engulfed the world since 2008, to the budget deficits of the United States, to the problems of the euro area, to high growth in China. The Canadian policy response to world events is a significant part of the story in this book. These events and responses—and many more—are described in the book, not in footnotes, but in the text or in detailed Focus boxes. Each box shows how you can use what you have learned to get an understanding of these events. Our belief is that these boxes not only convey the “life” of macroeconomics, but also reinforce the lessons from the models, making them more concrete and easier to grasp.

- To provide an integrated view of macroeconomics: The book is built on one underlying model, a model that draws the implications of equilibrium conditions in three sets of markets: the goods market, the financial markets, and the labour market. Depending on the issue at hand, the parts of the model relevant to the issue are developed in more detail while the other parts are simplified or lurk in the background. But the underlying model is always the same. This way, you will see macroeconomics as a coherent whole, not a collection of models. And you will be able to make sense not only of past macroeconomic events, but also of those that unfold in the future.

New to this Edition

- Chapter 1 starts with a history of the crisis, giving a sense of the world of macroeconomics, and setting up the issues to be dealt with throughout the book.

- Chapter 2 and the appendix on national income accounting uses the new presentation of Canada’s national accounts announced in the fall of 2012.

- Chapter 4, the initial chapter on monetary policy and the IS-LM curve, includes a treatment of the case where the central bank sets the interest rate.

- Chapters 6, 7, and 8 include the new presentation of Canada’s international payments, also revised in 2012.

- A new Chapter 11, which comes after the short- and medium-run architecture have been put in place, presents an extensive analysis of the world economic crisis. It shows how one can use and extend the short-run and medium-run analysis to understand the various aspects of the crisis, from the role of the financial system to the constraints on macroeconomic policy.

- Material on depressions and slumps has been relocated from later chapters to Chapter 11 and the material on very high inflation has been reduced and included in Chapter 24.

- A rewritten Chapter 25, on fiscal policy, is an extensive analysis of recent fiscal policy in Canada.

- Chapters 23, 24, and 25 draw the implications of the crisis for the conduct of fiscal and monetary policy in particular, and for macroeconomics in general.


- Figures and tables have been updated using the latest data available. The presentation of the national accounts and the balance in payments has been updated to the new conventions recently adopted by Statistics Canada.

Organization

The book has two central components, a core and two additional sections. An introduction precedes the core. The two sections that extend the core are followed by a review of the role of policy. The book ends with an epilogue on the history of macroeconomics.

- Chapters 1 and 2 introduce the basic facts and issues of macroeconomics.

Chapter 1 offers a tour of the world, from Canada, to the United States, to Europe, to Japan. Some instructors
may prefer to cover Chapter 1 later, perhaps after Chapter 2, which introduces basic concepts, articulates the notions of short run, medium run, and long run, and gives a quick tour of the book.

While Chapter 2 gives the basics of national income accounting, we have put a detailed treatment of national income accounts in Appendix 1 at the end of the book. This both decreases the burden on the beginning reader and allows for a more thorough treatment in the appendix.

- Chapters 3 to 18 constitute the core.

Chapters 3 to 8 focus on the short run. They characterize equilibrium in the goods market and in the financial markets, and they derive the basic model used to study short-run movements in output, the IS–LM model. The open economy material appears in Chapters 6, 7, and 8.

Chapters 9 to 14 focus on the medium run. Chapter 9 focuses on equilibrium in the labour market and introduces the natural rate of unemployment. Chapter 10 develops a model based on aggregate demand and aggregate supply and show how that model can be used to understand movements in activity that come from shifts in demand. Chapter 11 adds shifts in aggregate supply and, more importantly, extends the model to look at the crisis. To understand the crisis there is a discussion of financial markets and the liquidity trap. Chapter 12 introduces the Phillips Curve and a basic tradeoff between the change in inflation and a higher level of unemployment. Chapter 13, which looks at the dynamic relation between inflation and economic activity, is a bit harder and is structured to allow an instructor to delete the chapter without loss of continuity. Chapter 14 looks at open economy issues in the medium run. In particular, there is an analysis of fixed and flexible exchange rates. Chapter 14 is also a bit harder and can also be dropped without loss of continuity.

Chapters 15 to 18 focus on the long run. Chapter 15 describes the facts, showing the evolution of output over countries and over long periods of time. Chapters 16 and 17 develop a model of growth, focusing on the determinants of capital accumulation and technological progress and the role of each in growth. Chapter 18 looks at growth in the open economy. It stresses the role of net immigration and foreign capital in creating economic growth. An appendix to Chapter 18 deals with the concept of an optimal current account deficit.

- There are two sections outside the core.

Chapters 19 to 22 focus on expectations. Expectations play a major role in most economic decisions and, by implication, in the determination of output. Chapter 19 introduces the basic tools. Chapter 20 focuses on expectations in financial markets. There is an extensive discussion of housing and the housing bubble as part of the crisis. Chapter 21 looks at investment and consumption. Chapter 22 presents complications in monetary and fiscal policy when expectations matter.

Chapters 23, 24, and 25 return to macroeconomic policy. While most of the first 22 chapters discuss macroeconomic policy in one form or another, the purpose of Chapters 23 to 25 is to tie the threads together. Chapter 23 looks at the role and the limits of macroeconomic policy in general. Chapters 24 and 25 review monetary and fiscal policy. Some teachers may want to use parts or all of these chapters earlier. For example, it is easy to move forward the discussion of the government budget constraint in Chapter 25.

- Chapter 26 is a short history of the development of macroeconomic thought. It includes a section asking what we have learned from the crisis.

**Alternative Course Outlines**

Intermediate macroeconomics is typically taught as a single two-semester course with one instructor or as two one-semester courses, often with different instructors. The book’s organization assumes two 12- or 13-week terms with some time used for evaluation and perhaps review. Some chapters are more difficult than others and would require more time in class.

If an instructor had a group of intermediate macroeconomics students for two consecutive semesters, it would make sense to use the book in the order it is written.

A first one-semester course could cover Chapters 1 through 14. This would bring the course to the end of the medium-run analysis. You could leave out Chapters 13 and 14 without loss of continuity and include some material in Chapters 23 to 25 if that were your preference.

The second one-semester course often reviews the core material, particularly if students have been away from macroeconomics for a period of time. It then covers the long run, the material on expectations and the material on policy.

**Features**

We have made sure never to present a theoretical result without relating it to the real world. For this purpose, in addition to discussions of facts in the text itself, we have included Focus boxes, which expand on a point made in the text.

The margin notes running parallel to the text create a dialogue with the reader, smoothing out the more difficult passages and allowing for a deeper understanding of the concepts and the results derived along the way.

For students who want to explore macroeconomics further, there are two features present in some chapters:

- Short appendices to some chapters, which show how a proposition in the text can be derived more rigorously or expanded.

- A Further Readings section at the end of the some chapters, as appropriate, indicates where to find more information.

Each chapter ends with three ways of making sure that the material in the chapter has been thoroughly understood:

- A summary of the chapter’s main points.

- A list of key terms.
A series of end-of-chapter exercises, some of them requiring access to the Internet, some of them requiring the use of a spreadsheet program.

The Teaching and Learning Package
The book comes with a number of supplements to help both students and instructors.

For Instructors:
- Instructor’s Solutions Manual. This manual includes solutions to all end-of-chapter questions and exercises. It can be downloaded from the Pearson Canada Catalogue.
- Test Item File. The test bank is completely revised with additional new multiple-choice questions for each chapter.
- TestGen. The printed Test Item File is designed for use with the computerized TestGen package, which allows instructors to customize, save, and generate classroom tests. The test program permits instructors to edit, add, or delete questions from the test bank; edit existing graphics and create new graphics; analyze test results; and organize a database of tests and student results. This software allows for extensive flexibility and ease of use. It provides many options for organizing and displaying tests, along with search and sort features. The software and the Test Item File can be downloaded from the Pearson Canada Catalogue.
- Digital Image Library. We have digitized the complete set of figures, graphs, and charts from the book. These files can be downloaded from the Pearson Canada Catalogue.
- PowerPoint Lecture Slides. These electronic slides provide section titles, tables, equations, and graphs for each chapter and can be downloaded from the Pearson Canada Catalogue.
- Technology Specialists. Pearson’s Technology Specialists work with faculty and campus course designers to ensure that Pearson technology products, assessment tools, and online course materials are tailored to meet your specific needs. This highly qualified team is dedicated to helping schools take full advantage of a wide range of educational resources, by assisting in the integration of a variety of instructional materials and media formats. Your local Pearson Education sales representative can provide you with more details on this service program.
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For Students:
- Spreadsheets. Most of the chapters have one or more spreadsheets associated with the material in the chapter. These spreadsheets allow the student to work through a large number of calculations related to the chapter material. These spreadsheets can be downloaded by instructors from the Pearson Canada Catalogue.
- CourseSmart. CourseSmart goes beyond traditional expectations, providing instant, online access to the textbooks and course materials you need at an average savings of 60%. With instant access from any computer and the ability to search your text, you’ll quickly find the content you need, no matter where you are. And with online tools like highlighting and note-taking, you can save time and study efficiently. See all the benefits at www.coursesmart.com/students.

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