Table of Contents

Overview	ix
Course Schedule	xiii
SECTION 1	
Introduction	
Course Structure and Content.	1
Learning Procedures and Approach	
Introduction of Course Participants and Instructors	
Looking Ahead	
Part 1. What Is a Challenging Market?	
Preview Part 1	7
Characteristics That Define a Challenging Market	9
Key Concepts and Terms	11
Choice of and Reliance on a Particular Valuation Approach—Mitigation of	
Challenges	26
Review Part 1	
SECTION 2	
Part 2. International Valuation Standards (IVS)	
Preview Part 2	31
Introduction	33
Excerpts from IVS Framework	34
Asset Standards: IVS 230 Real Property Interests	40
Valuation Applications: IVS 310 Valuations of Real Property Interests for Secur	
Lending	
Review Part 2	

Part 3. Appraisal and Public Trust

Pre	eview Part 3	51
Re	view of Competence and Responsibilities	53
	S 101 Scope of Work	
Co	de of Professional Ethics of the Appraisal Institute	59
	partures from Specific Standards	
Re	view Part 3	61
Part 4. Ec	conomic Factors That Affect Valuation	
Pre	eview Part 4	63
Int	roduction	65
Inf	lation	66
Lei	nding Rates	69
De	posit Rates	71
Su	pply of and Demand for Real Estate	73
Va	luation Issues	75
Re	view Part 4	77
Part 5. La	ws, Rights, and Property Interests	
Pre	eview Part 5	79
Int	roduction	81
Tei	rms and Definitions	81
Ow	vnership	82
Ana	alysis of Time Required to Obtain a Construction Permit	86
The	e Total Construction Process: Time to Build a Warehouse	89
Re	view Part 5	93

SECTION 3

Part 6. Using Offer	Prices in the	Market Approach
---------------------	---------------	-----------------

	Preview Part 6	97 97 98 99
	6.1 Case Study. Working with Offer Price Data	.119
Part 7.	. Developing Capitalization Rates in Challenging Markets	
	Preview Part 7	.131 .132 .134 .142
Part 8.	Deriving Discount Rates for Discounted Cash Flow Analysis	
	Preview Part 8 Definitions Reversionary (Terminal) Capitalization Rates Deriving a Discount Rate Using the Build-Up Method Review Part 8	.157 .160 .161

SECTION 4

Part 9.	Case Studies:	Commercial	and Residentia	al Property \	Valuation in	Challenging
	Markets					

Preview Part 9	.171
Appraising Development Property	.173
Problems in Appraising Development Property in Challenging Markets	
9.1 Case Study	.176
9.2 Case Study. Build and Sell or Renovate and Sell: Residential Real Estate	
Valuation	.182
9.3 Case Study. Legal, Regulatory, and Procedural Uncertainty: Valuation of	
Residential Property with Unauthorized Additions	.186
Review Part 9	

SECTION 5

Part 10. Highest and Best Use of Land: Market Value and Investment Value

Preview Part 10	195
10.1 Case Study. Highest and Best Use of Land: Market Value and Inve	estment
Value	198
Objectives of the Case Study	198
Overview	198
Valuation Assignment	198
Market Area Observations	199
Neighborhood and Site Description	200
Residential Property Market	
Land Market	206
Valuation Approaches	209
Development Option 1: Residential Apartments	210
Market Approach: Land	220
Development Option 2: Commercial Storage	221
Development Option 3: Liquefied Petroleum Gas (LPG) Storage and	
Transshipment Facility	226
Conclusions	232
Review Part 10	233

SECTION 6

Part 11. Market	Valuation for	Secured	Lending
-----------------	---------------	---------	---------

Preview Part 11	
Introduction	
IVS 310 Valuations of Real Property Interests for Secured Lending	237
11.1 Case Study. Market Valuation of Trade-Related Property for	0.40
Secured Lending	
Interpretation of the Valuation Result	
Final Result	
Review Part 11	253
Part 12. Application of the Cost Approach	
Preview Part 12	255
Summary of Methodology and Definitions	257
Application in Challenging Markets	258
Estimating and Allocating Total Depreciation	261
12.1 Example. Depreciated Replacement Cost: Manufacturing Building	263
Review Part 12	267
SECTION 7	
Part 13. Valuation of Industrial Property	
Preview Part 13	269
Market Value and Value Added Tax (VAT)	271
Application of Value Added Tax	271
13.1 Example. Valuing Large-Scale Industrial Buildings	274
Overview of the Appraisal Assignment	274
Market Value of Large-Scale Industrial Buildings Using the Market Approa	ach275
The Problematic Situation	275
The Solution	277
Depreciated Replacement (Reproduction) Cost Using the Cost Approach.	284
Reconciliation of Results	288
Review Part 13	291

Part 14. Highest and Best Use of Land: Interim Value

Preview Part 14	.293
14.1 Case Study. Highest and Best Use Analysis	.295
The Appraisal Assignment and Problematic Situation	295
"As Is" Market Value: Income Approach	.297
Highest and Best Use of Land	301
Interim Use or Highest and Best Use?	303
Review Part 14	

SECTION 8

Part 15. Exam Content Review

Basic Information for the Exam	309
Guidance on Studying for the Final Exam	309
Guidance on Taking the Final Exam	
Test-Taking Strategies	310
Instructor-Led Review of Concepts, Definitions, and Problems	

GLOSSARY

APPENDIX

Commercial Green and Energy Efficient Addendum

Overview

Course Description

As the global economy continues to interconnect, it is increasingly important for appraisers and users of appraisal reports to understand how valuations are affected by economic, financial, and legal variables and systems worldwide. Further, it is essential for appraisers to know how property value can be accurately estimated in challenging markets within the framework of International Valuation Standards (IVS).

This practical four-day course walks you through case studies that address different types of valuation by purpose and use and that encompass a broad range of property types, business activities, and countries.

The course will help you understand worldwide property markets and identify the potential challenges of appraising in non-transparent markets. It will enhance your knowledge of techniques to appraise different types of properties for various purposes within IVS guidelines. It will help you to incorporate and adapt professional appraisal principles and standards into assignments in challenging markets.

Learning Enhancements

The course has been designed with a variety of elements to enhance your learning experience.

- Preview. To give you an idea of what is to come, each part begins with a Preview page that includes a brief overview of the content, learning objectives to consider as you move through the content, and learning tips that will assist you in understanding the material you're about to cover.
- Learning Objectives. Each learning objective covers requirements for understanding the concepts in the course. Look them over before the part begins so that you have a frame of reference as you move through the material. At the end of each part, reread the objectives. Are you able to do what is stated? If not, this is the time to ask your instructor for further information or review the concepts that you do not understand by referring to the recommended reading.
- Examples, Problems, Case Studies, and Exercises. To supplement the discussions, we've included examples, problems, case studies, and exercises to focus attention on particular issues of importance and to elicit your opinions and appraisal experiences.
- **Review.** Each part concludes with a review, which includes the learning objectives and key terms and concepts that have been covered. Also provided are

recommended readings from textbooks that will reinforce what you have learned in class.

Appraisal Institute Classroom Guidelines

To make the course a positive experience for everyone attending, we have some guidelines for your consideration:

- 100% attendance is required. No exceptions.
- Limit use of computers and wireless devices to classroom projects.
- Communicate with business associates during break time instead of class time.
- Put away reading materials such as newspapers and books that are not used in class.
- Silence cell phones.
- Use recording devices only if prior permission has been granted.
- Refrain from ongoing conversations with those seated near you and other distracting behavior.
- Be here. Focus on the course. Don't just listen but be attentive to what is being said and participate, analyze, and critique. This is your course; make the most of it.

General Information

- **Breaks.** There will be two 10-minute breaks during the morning session and two 10-minute breaks during the afternoon session unless noted otherwise by the course sponsor. The lunch break is one hour.
- Attendance sheets will be distributed during class to verify your attendance during the morning and afternoon sessions. Only the session attended should be initialed.
- Certificates of completion will be sent after successful completion of the course, and attendance during the entire course is required.

Recommended Texts

- The Appraisal of Real Estate, 14th edition. Chicago: Appraisal Institute, 2013.
- Gelbtuch, Howard. Real Estate Valuation in Global Markets, 2nd edition. Chicago: Appraisal Institute, 2011.
- International Valuation Standards 2013 (IVS). London: International Valuation Standards Council (IVSC), 2013.

Calculator

A regular function calculator is required.

Note. Please remember all laptops, cellular phones, tablets, iPads, wearable technology (smart watch, Apple Watch, Google Glass, etc.) and other devices that can store data or connect to the Internet are **NOT** permitted during the exam. In addition, all watches, wallets, bags, and purses must be removed and stored out of reach prior to taking the exam.