Table of Contents

| Overview | ix |
|--|------|
| Course Schedule | xiii |
| SECTION 1 | |
| Introduction | 1 |
| Part 1. The Valuation Process | |
| Preview Part 1 | 3 |
| The Valuation Process—Chart | |
| Introduction to the Valuation Process | |
| Identification of the Problem | 7 |
| Scope of Work | 13 |
| Data Collection and Property Description | 15 |
| Data Analysis | 17 |
| Review Part 1 | 19 |
| Review Quiz | 20 |
| Part 2. From Analysis to Solutions | |
| Preview Part 2 | |
| Land Value Opinion | |
| Application of the Three Approaches | |
| Reconciliation of Value Indications and Final Opinion of Value | |
| Report of Defined Value | |
| Review of the Valuation Process | |
| Review Quiz | |
| Review Quiz | 34 |
| Part 3. Introduction to Income Capitalization | |
| Preview Part 3 | 35 |
| Getting Started with the HP 12C Calculator | |
| Income Capitalization Approach—Setting the Stage | |
| Terms and Definitions | |
| Income Capitalization Methods | |
| Review Part 3 | |
| Practice Test—Section 1 | |

SECTION 2

| Pa | rt 4. Income Capitalization Formulas | |
|------|--|------|
| | Preview Part 4 | . 59 |
| | Capitalization Formulas Without Fear | . 61 |
| | Income Multipliers | . 67 |
| | Income Rates | . 71 |
| | Review Part 4 | . 73 |
| | Review Quiz | . 75 |
| Pa | rt 5. Income and Expense Analysis | |
| | Preview Part 5 | . 77 |
| | Lease Analysis | . 79 |
| | Developing Income and Expense Estimates | . 84 |
| | Review Part 5 | . 91 |
| | Review Quiz | . 92 |
| Pa | rt 6. Application—Problem Solving | |
| | Preview Part 6 | . 93 |
| | Application—Problem Solving | . 95 |
| | Review Part 6 | . 99 |
| SEC1 | rion 3 | |
| Pa | rt 7. Construction and Design Basics | |
| | Preview Part 7 | 101 |
| | Introduction to Appraisal Observation | 103 |
| | Appraisal Observation from the Ground Up | 104 |
| | House Design for Appraisers | 113 |
| | Review Part 7 | 117 |
| | Review Quiz | 118 |

Part 8. Introduction to the Cost Approach

| Preview Part 8 | 119 |
|---|-----|
| Getting Started with Cost | 121 |
| The Basics of Estimating Cost | 124 |
| Measurement of the Structure | 131 |
| Review Part 8 | 137 |
| Review Quiz | 138 |
| Part 9. Components in Cost Analysis | |
| Preview Part 9 | 141 |
| Analyzing Component Costs | 143 |
| Oak Street Case Study (Part I)—Cost Analysis | 145 |
| Square Foot Appraisal Form | 151 |
| Review Part 9 | 155 |
| Practice Test—Section 3 | 157 |
| SECTION 4 | |
| Part 10. Cost Analysis—Case Study | |
| Preview Part 10 | 161 |
| Completion of the Case Study | 163 |
| Breaking Down the Costs | 163 |
| Review Part 10 | 169 |
| Part 11. Commercial Costs and Depreciation Basics | |
| Preview Part 11 | 171 |
| Quality Classifications for Commercial Structures | 173 |
| Depreciation Basics | 176 |
| Review Part 11 | 181 |
| Review Quiz | 183 |
| Part 12. Applied Depreciation | |
| Preview Part 12 | 185 |
| Market Extraction Method | 187 |
| Economic Age-Life Method of Depreciation | 189 |
| Breakdown Method of Depreciation | |
| Review Part 12 | 201 |
| Practice Test—Section 4 | 203 |

SECTION 5

| Pa | rt 13. Land or Site Valuation | |
|------|---|-----|
| | Preview Part 13 | 207 |
| | Overview of Land or Site Valuation | 209 |
| | Land or Site Valuation Procedures | 211 |
| | Oak Street Case Study (Part II)—Sales Comparison and Site Valuation | 222 |
| | Review Part 13 | 225 |
| | Review Quiz | 227 |
| Pa | art 14. Property Description | |
| | Preview Part 14 | 229 |
| | The Valuation Process in a Form | 231 |
| | Oak Street Case Study (Part III)—Property Description | 233 |
| | Manufactured Homes | |
| | Cost Approach on the URAR | 248 |
| | Review Part 14 | 249 |
| Pa | art 15. Sales Comparison Approach | |
| | Preview Part 15 | 253 |
| | Overview of the Sales Comparison Approach | 255 |
| | Review Part 15 | 265 |
| | Practice Test—Section 5 | 267 |
| SEC1 | TION 6 | |
| Pa | art 16. Comparable Property Selection | |
| | Preview Part 16 | 271 |
| | Preliminary Selection Process | 273 |
| | Oak Street Case Study (Part IV)—Comparable Sale Selection | 275 |
| | Review Part 16 | 291 |

Part 17. Adjustments

| Preview Part 17 | |
|---|-------------------|
| Part 18. Oak Street Case Study—Market Grid Application | |
| Preview Part 18 | 307 |
| Oak Street Case Study (Part VI)—Instructions for Market Grid | 309 |
| Guide Notes for the Market Grid | 310 |
| Review Part 18 | 317 |
| Practice Test—Section 6 | 319 |
| SECTION 7 | |
| Part 19. Oak Street Case Study—Sales Comparison (Market Grid A | |
| Preview Part 19 | 323 |
| | 323 |
| Preview Part 19 Oak Street Case Study (Part VII)—Sales Comparison Review of Adjustments Part 20. Reconciliation and Communication | 323 325 325 |
| Preview Part 19 Oak Street Case Study (Part VII)—Sales Comparison Review of Adjustments Part 20. Reconciliation and Communication Preview Part 20. | |
| Preview Part 19 Oak Street Case Study (Part VII)—Sales Comparison Review of Adjustments Part 20. Reconciliation and Communication Preview Part 20 Reconciliation | |
| Preview Part 19 Oak Street Case Study (Part VII)—Sales Comparison Review of Adjustments Part 20. Reconciliation and Communication Preview Part 20 Reconciliation Oak Street Case Study (Part VIII)—Reconciliation | |
| Preview Part 19 Oak Street Case Study (Part VII)—Sales Comparison Review of Adjustments Part 20. Reconciliation and Communication Preview Part 20 Reconciliation Oak Street Case Study (Part VIII)—Reconciliation Communication | |
| Preview Part 19 Oak Street Case Study (Part VII)—Sales Comparison Review of Adjustments Part 20. Reconciliation and Communication Preview Part 20 Reconciliation Oak Street Case Study (Part VIII)—Reconciliation Communication Reporting Formats | |
| Preview Part 19 Oak Street Case Study (Part VII)—Sales Comparison Review of Adjustments Part 20. Reconciliation and Communication Preview Part 20 Reconciliation Oak Street Case Study (Part VIII)—Reconciliation Communication Reporting Formats Report Documentation and Workfile | |
| Preview Part 19 Oak Street Case Study (Part VII)—Sales Comparison Review of Adjustments Part 20. Reconciliation and Communication Preview Part 20 Reconciliation Oak Street Case Study (Part VIII)—Reconciliation Communication Reporting Formats Report Documentation and Workfile Certification | |
| Preview Part 19 Oak Street Case Study (Part VII)—Sales Comparison Review of Adjustments Part 20. Reconciliation and Communication Preview Part 20 Reconciliation Oak Street Case Study (Part VIII)—Reconciliation Communication Reporting Formats Report Documentation and Workfile | |

SECTION 8

| Part 21. Exam Coi | ntent Revi | ew |
|-------------------|------------|----|
|-------------------|------------|----|

| Preparing for the Exam | 351 |
|--|-----|
| Content Covered in Course | 352 |
| Appendix | |
| Definition of Effective Date | 353 |
| Example of Yield Capitalization—Commercial | 353 |
| Further Insight on Mortgage Capitalization Rate | 354 |
| Self-Study Project—Reconstructing an Operating Statement | 357 |
| Mechanical Systems | 361 |
| Electrical System | 363 |
| Plumbing System | 365 |
| Residential Green and Energy-Efficient Addendum | |
| Commercial Green and Energy-Efficient Addendum | |

Overview

Course Description

Basic Appraisal Procedures is designed as an introductory course for individuals preparing for a career as a valuation professional. The course provides the second 30 hours of qualifying prelicense education that is commonly required by states for individuals seeking appraisal licensure.

Participants learn the basic appraisal procedures that can be used to build a foundation for an ethical and competent appraisal practice. The theme of the course is focused on the valuation process. All eight steps of the valuation process are examined with added detail in each of the three approaches to value. In-depth case studies are used to apply the concepts presented in the classroom. They will help participants develop their problem-solving skills.

Learning Enhancements

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

- **Preview.** To give you a taste of what is to come, you will find a *preview* page that begins each part. Included on the *preview* page is 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 information you're about to learn.
- Learning Objectives. Each learning objective covers essential information you need to know to fully understand 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 help. Or, review the concepts that you do not understand.
- Case Study. The case study contains real-world exercises that provide practice in applying the methodologies presented in the course.
- **Examples & Problems.** Supplementing the discussions, we've included examples and problems to help you visualize and practice what you are learning.
- **Fill-in-the-Blanks.** It is a proven fact that when you write something down, you are more apt to remember it. The course handbook has "missing" content in the outline that you will need to add in the space provided in your handbook as the instructor goes over the content.

- **Review.** Each part concludes with a review. Included in the review are the learning objectives and key terms and concepts that have been covered. Also, we've provided recommended readings from textbooks that will reinforce what you have learned in class.
- Practice Quizzes and Section Tests. Short practice quizzes are included at the end of most parts, and section tests are included at the end of each section in the review. The questions are similar to the types of questions you might find on the exam. By answering the true/false questions, fill-in-the-blanks, or multiple-choice questions, etc., you will know whether or not you really know the information that was covered in that part. The review quizzes and practice tests are intended for self-study and answers are found in the solutions booklets, which will be distributed by the instructor.
- Digging Deeper. Digging Deeper information goes beyond the scope of the course and is not intended to be covered in class. It is not tested on the course exam; however, appraisers preparing for the comprehensive exam should be familiar with it, as well as all other material contained in the course handbook, whether or not it is presented in class.

Classroom Guidelines

To make the learning environment a positive experience for everyone attending, please follow these guidelines:

- 100% attendance is required. No exceptions.
- Limit use of laptops 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.

General Information

- Calculators. A financial calculator is required. The accepted model used in the course is the HP 12C.
- Important Note. 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.
- **Breaks.** There will be two 10-minute breaks during each half-day session unless noted otherwise by the course sponsor or instructor. The lunch break is one hour.
- Attendance sheets will be distributed during class to verify your attendance during each half-day session.
- Certificates of completion may be downloaded after completion of the course, and attendance during the entire course is required.

USPAP References in This Handbook

All references to the Uniform Standards of Professional Appraisal Practice (USPAP) are taken from the 2020-2021 edition (Washington, D.C.: The Appraisal Foundation).

Recommended Texts

- The Appraisal of Real Estate, 15th ed.
- The Dictionary of Real Estate Appraisal, 7th ed.
- Residential Property Appraisal