**EXAMPLES OF ADVANCED COURSE DESCRIPTIONS**

**Course Description Example 1:** This course is designed to provide building code administrators, plans examiners, design professionals, contractors, and inspectors an overview of the key components of the Florida Accessibility Code and the changes that became effective with the implementation of the 7th Edition Florida Building Code.

**Course Description Example 2:** This course is designed to provide relevant construction industry professionals with 2 hours of advanced code training, specifically regarding the provisions found in the 7th Edition (2020) Florida Building Code: Existing Building Edition.

**Course Description Example 3:** This advanced online course is designed to provide contractors, code officials, design professionals, with a thorough overview of the location and installation requirements for smoke alarms contained in the 7th Edition (2020) Florida Building Code, Residential Volume and the 2013 Edition of NFPA 72, National Fire Alarm and Signaling Code.

**EXAMPLES OF ADVANCED COURSE LEARNING OBJECTIVES**

**Course Learning Objectives Example 1:** This course is designed to improve the participants’ technical and design skills relative to the Florida Accessibility Code. The following are the course learning objectives:

**Participants will be able to**:

1. Provide an overview of relatively recent changes and additions to the Florida Accessibility Code and the rationale behind each of those changes.

2. Better understand the differences between accessibility guidelines as mandated for public buildings built by government entities versus commercial facilities built by private entities.

3. Describe when and where requirements for vertical access apply to commercial buildings.

4. Describe what is needed for an adequate path of travel which allows the disabled to navigate through a building.

5. Explain the distinction between what is and what is not required when a commercial facility owner wants to remove existing architectural barriers.

6. Explain what is meant by the requirement for providing accessible routes between parking facilities and all building points of entry.

**EXAMPLES OF ADVANCED COURSE LEARNING OBJECTIVES CONT’D**

**Course Learning Objectives Example 2**: This course will provide contractors, building code professionals, and design professionals with practical, relevant information regarding changes included in the 7th Edition (2020) Florida Building Code. Upon completion of this course, participants will better understand the changes made in the 7th Edition (2020) Florida Building Code, including but not limited to the requirements for administration, occupancies, fire resistance protection, fire protection systems, alarm installations, means of egress, roof assemblies, structural design, wood construction, masonry construction, residential requirements for wind, soffits, roof construction and wind mitigation. The result is to apply this information to their respective professions.

**Course Learning Objectives**

**Participants will be able to…**

● Describe the importance of, and requirements for, moisture protection substrates

● Explain the purpose of testing roof board insulation

● Classify temporary storm shelters and emergency shelters per the 7th Edition (2020) revisions

● Explain why interlocking masonry walls may not be permitted in certain regions of the state

● List the structural requirements necessary for the installation of louvers

● Identify and explain the standard (s) that the design and installation of trusses must follow, and

● List the considerations the FBC 7th Edition (2020) Florida Building Code described to promote fire resistance in heavy timber construction

**EXAMPLES OF ADVANCED COURSE OUTLINES**

**Course Outline Example 1**

**Lesson One**

1. Course introduction

2. Administration

3. Building planning

**Lesson 2**

4. Foundations

5. Floors

6. Wall construction

7. Wall coverings

8. Ceiling construction

**Lesson 3**

9. Roof construction

10. Roof assemblies

11. Chimneys and fireplaces

12. General mechanical system requirements

 Heating and cooling

13. Exhaust systems

14. Duct systems/chimneys and vents

15. Solar thermal energy systems

**Course Outline Example 2**

Introduction

 1. History of the Florida Building Code

 2. History of the Florida Energy code

 3. HB 663

 4. HB7135

 5. Examples of Impact on Florida Consumers Regarding Energy Savings

Specific Regulations

 1. Two Speed, Variable Speed, and Multi-Speed Capabilities

 2. Elimination of Split Phase, Shaded Pole, or Capacitator Induction Run

 3. Horsepower – Service Factor

 4. Testing Methods

Swimming Pool/Spa Heating Systems

 1. Solar Heating – New Piping Requirements and Connections

 2. Heat Pump Requirements

 3. Gas Fired Pool Heaters/Oil Fired Pool Heaters

 4. Electric Type Pool Heaters

Summary

 1. Questions

**EXAMPLES OF ADVANCED COURSE TIMELINES**

**Course Timeline Example 1**

**COURSE OUTLINE TIMELINE**

**Lesson One**

1. Course introduction 2 minutes

2. Administration 3 minutes

3. Building planning 7 minutes

**Lesson 2**

4. Foundations 2 minutes

5. Floors 3 minutes

6. Wall construction 4 minutes

7. Wall coverings 2 minutes

8. Ceiling construction 3 minutes

**Lesson 3**

9. Roof construction 5 minutes

10. Roof assemblies 5 minutes

11. Chimneys and fireplaces 4 minutes

12. General mechanical system requirements 5 minutes

 Heating and cooling

13. Exhaust systems 3 minutes

14. Duct systems/chimneys and vents 3 minutes

15. Solar thermal energy systems 4 minutes

 **Total Time 55 minutes**

**Course Timeline Example 2**

Introduction **10 minutes**

 1. History of the Florida Building Code

 2. History of the Florida Energy code

 3. HB 663

 4. HB7135

 5. Examples of Impact on Florida Consumers Regarding Energy Savings

Specific Regulations **20 minutes**

 1. Two Speed, Variable Speed, and Multi-Speed Capabilities

 2. Elimination of Split Phase, Shaded Pole, or Capacitator Induction Run

 3. Horsepower – Service Factor

 4. Testing Methods

Swimming Pool/Spa Heating Systems **30 minutes**

 1. Solar Heating – New Piping Requirements and Connections

 2. Heat Pump Requirements

 3. Gas Fired Pool Heaters/Oil Fired Pool Heaters

 4. Electric Type Pool Heaters

Summary

 1. Questions

 **Total Time 50 minutes**

**EXAMPLES OF COURSE EVALUATION METHODS**

**Method of Course Evaluation Example 1**: The method of evaluation may be one of the following: Instructor may ask for feedback during the course or at the end with Questions and Answers. Participants may complete an evaluation form giving feedback on the course content, instructor’s knowledge and ability to explain the material. Participants can provide additional written comments if so desired.

**Method of Course Evaluation Example 2:** The examples and slides will be reviewed in class. An evaluation form will be utilized for written suggestions and comments to facilitate course improvement

**Method of Course Evaluation Example 3**: This course contains 6 Lessons and 2 Quizzes. Each Quiz has 6 Questions. You will need an 80% or higher to pass each Quiz. Students will be offered opportunity to provide questions and comments to facilitate course and instructional improvement. An online evaluation form will be utilized.

**EXAMPLE TEMPLATE FOR A COURSE EVALUATION**

We’d like your thoughts on this course. In an effort to continue improving our programs, please help us by completing the following evaluation:

Course Title:

Instructor: Date:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Instructor Information*** | Strongly Agree | Agree | Neutral | Disagree | Strongly Disagree |
| The instructor was knowledgeable. | 5 | 4 | 3 | 2 | 1 |
| The instructor communicated ideas clearly. | 5 | 4 | 3 | 2 | 1 |
| The instructor was enthusiastic. | 5 | 4 | 3 | 2 | 1 |
| The instructor responded well to questions. | 5 | 4 | 3 | 2 | 1 |
| The instructor stimulated discussion. | 5 | 4 | 3 | 2 | 1 |
| Overall evaluation of the instructor. (5=high, 1=low) | 5 | 4 | 3 | 2 | 1 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Course Information*** | Strongly Agree | Agree | Neutral | Disagree | Strongly Disagree |
| The course covered the stated objectives | 5 | 4 | 3 | 2 | 1 |
| The course content was relevant to you | 5 | 4 | 3 | 2 | 1 |
| Materials provided were helpful (handout, video, ppt) | 5 | 4 | 3 | 2 | 1 |
| The length of the course was appropriate | 5 | 4 | 3 | 2 | 1 |
| Overall evaluation of the course (5=high, 1=low) | 5 | 4 | 3 | 2 | 1 |

What suggestions for improvement would you offer?

**REQUIRED ITEMS FOR A CERTIFICATE OF COMPLETION**

**Certificate of Completion**

Course Title:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Course Provider Contact Info:

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cell #:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Number of CEUs Awarded for Course Completion:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DBPR Board Info:

Board Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Board Course #:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Florida Building Code Edition:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_