



Course Instructions

NOTE: The following two pages contain a preview of the final exam. This final exam is identical to the final exam that you will take online after you purchase the course.

After you purchase the course online, you will be taken to a receipt page online which will have the following link: [Click Here to Take Online Exam](#). **You will then click on this link to take the final exam.**

3 Easy Steps to Complete the Course:

- 1.) Read the Course PDF – download from our website
- 2.) Purchase the Course Online & Take the Final Exam – see note above
- 3.) Print Out Your Certificate

FINAL EXAM - Costs and Benefits of Insulating Concrete Forms for Residential Construction

- 1. Through several studies of ICF construction costs, it has been determined that using ICF wall construction generally adds ____ to the total purchase price of a typical wood frame home and land:**
 - a. 17 percent
 - b. about 3 to 5 percent
 - c. about 4 to 7 percent
 - d. 2 to 3 percent

- 2. According to Table 1, the cost of wall construction per square foot of wall area for wood on an economy one-story home is:**
 - a. \$2.37
 - b. \$4.19
 - c. \$3.33
 - d. \$3.50

- 3. From Figure 4, the highest chance of death is from:**
 - a. tornadoes
 - b. medical error
 - c. earthquake
 - d. smoking

- 4. The racking strength of a wood frame wall is higher than for an ICF wall, according to table 3.**
 - a. True
 - b. False

- 5. An ICF wall can handle a much larger compressive load than a wood frame wall, according to table 5.**
 - a. True
 - b. False

- 6. Regarding *energy efficiency*, ICF wall construction can provide a ____ savings in annual heating and cooling costs:**
 - a. 10 to 15 percent
 - b. Negligible
 - c. 50 percent
 - d. 20 to 25 percent

- 7. According to table 7, at an STC rating of 45:**
 - a. normal speech is easily understood.
 - b. loud speech is barely heard.
 - c. shouting is barely heard.
 - d. shouting is not heard.

8. The *monthly cost* of home ownership is primarily related to:

- a. utilities.
- b. maintenance.
- c. insurance.
- d. financing.

9. According to table 10, the relative performance of an ICF home compared to a wood-frame home with regards to durability is better for an ICF home.

- a. True
- b. False

10. A valid *conclusion* regarding this study could be that it is generally more economical or practical to consider ICF construction based on the collective benefits.

- a. True
- b. False