



## 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 - Energy Performance of LEED for New Construction Buildings

1. **This study analyzed measured energy performance for \_\_\_\_\_ LEED New Construction buildings**
  - a. 18
  - b. 121
  - c. 25
  - d. 100
  
2. **From *Figure ES-2*, the median performance of gold and platinum buildings is very close to the interim goals of Architecture 2030, shown for office buildings at 50% of the CBECS office average.**
  - a. True
  - b. False
  
3. **One *Conclusion and Recommendation* could be that:**
  - a. On average, LEED buildings are delivering anticipated savings.
  - b. LEED buildings usually fare poorly in the southeast.
  - c. LEED buildings are delivering a poor return on investment.
  - d. On average, LEED buildings are falling short of energy savings goals.
  
4. **Figure 3 indicates that:**
  - a. more than 30% of the buildings in the study were educational use.
  - b. less than 10% of the buildings in the study were office use.
  - c. more than 30% of the buildings in the study were office use.
  - d. more than 30% of the buildings in the study were multi-use.
  
5. **Figure 4 indicates that:**
  - a. more than 10% of the buildings in the study were over 500,000 square feet.
  - b. about 25% of the buildings in the study were 10,000 – 25,000 square feet.
  - c. about 30% of the buildings in the study were under 10,000 square feet.
  - d. most of the buildings in the study were over 200,000 square feet.
  
6. **The median LEED *Energy Star Rating* was \_\_\_\_\_:**
  - a. 45
  - b. 71
  - c. 56
  - d. 68
  
7. **As indicated by Table 1, \_\_\_\_\_ office buildings were included in the study.**
  - a. 35
  - b. 9
  - c. 18
  - d. 10
  
8. **Another *Conclusion and Recommendation* may be that:**
  - a. Project types with median process loads are problematic.
  - b. Project types with high process loads were not included in the study.
  - c. Project types with high process loads are problematic.
  - d. Lab buildings use half as much energy as expected.

**9. As a *Conclusion and Recommendation*, energy use of high energy building types is not well understood by designers.**

- a. True
- b. False

**10. Regarding the *Study Background and Participant Recruitment*, 255 owners provided some response but did not meet the requirements for report inclusion.**

- a. True
- b. False