

Intermediate Blueprint Reading & Estimating

This Self-Assessment will help you/us decide which course would be a good starting point for you to continue to develop your Blueprint Reading and the Estimating skills.

Pick an answer that best describes your ability and enter it on the My Score line.

1. How much work experience do you have in this industry?

Less than 5 years

1 Point

I have six – nine years

3 Points

I have ten or more years

5 Points

My Score: _____

2. What is your comfort level in understanding drawings (blueprints)?

My comfort level in understanding drawings is not good

1 Point

I'm comfortable however I wish I could read drawings faster

3 Points

I can read drawings well

5 Points

My Score: _____

3. What is your level of accuracy when doing a takeoff?

My level of accuracy is poor, I get calls for shortages all the time

1 Point

My accuracy is decent however I would like to be better

3 Points

I usually hit my piece counts accurately

5 Points

My Score: _____

4. What is your skill level in using a Project Specification Manual?

I don't know how to use the Spec Book

1 Point

I am not familiar with the format and can't find the sections I need

3 Points

I can find the FSC requirements

5 Points

My Score: _____

5. I know how to find the Sections & Details in the set of drawings

I don't know how to read the Sections & Details

1 Point

I can find the Details and Sections, but don't fully understand them

3 Points

I can navigate and understand the Sections & Details

5 Points

My Score: _____

6. I have carpentry knowledge or wood framing (construction) experience

I have less than three years of carpentry or framing experience

1 Point

I have four – five years of carpentry or framing experience

3 Points

I am very familiar with carpentry and framing

5 Points

My Score: _____

7. Comfort level with the time it takes to do a quantity takeoff

I am not comfortable, it takes me too long

1 Point

I am fairly comfortable however I wish I could build some speed

3 Points

I am comfortable with the time it takes me to do a quantity take off

5 Points

My Score: _____

8. I know how to utilize drawing schedules (windows & doors) to verify my counts

I do not know how to utilize them

1 Point

I can't always find all of the units

3 Points

I know how to reconcile schedule use

5 Points

My Score: _____

9. I am confident of my Roof Rafter takeoffs including hips and jacks

a. I am not confident, I only know how to take off trusses

1 Point

b. I only know how to do gable roofs

3 Points

c. I can do hip roofs including jacks

5 Points

My Score: _____

10. A rendering would show all the details needed to build an office building

a. True

b. False

5 Points_____

11. The abbreviation for a concrete block is:

a. CBU

b. CMU

c. CBS

d. ESPN

e. None of the above

5 Points_____

12. Glue-Laminated Timber can be purchased in longer lengths than solid timber

a. True

b. False

5 Points_____

13. The steel identification W8x15 represents;

a. 8" deep and weighing 15 pounds per linear foot

b. 8" deep and 15" wide

c. 8" wide and 15" deep

d. None of the above

5 Points_____

14. On what type of drawing would you find a ceiling layout?

- a. Roof section
- b. Wall section
- c. Reflected ceiling plan
- d. Interior elevation
- e. Roof plan view

5 Points_____

15. Which of the following is NOT a horizontal support member?

- a. Spandrel beam
- b. Girder
- c. Joist
- d. Column
- e. All of the above

5 Points_____

16. Which member connects rafters to make the roof frame more stable?

- a. Collar beam/tie
- b. Strongback
- c. Hip rafter
- d. Valley rafter
- e. None of the above

5 Points_____

17. A 'winder' is

- a. a member to which joists are attached
- b. a flexible pipe
- c. a curved stair handrail
- d. a stair tread
- e. None of the above

5 Points_____

18. A door schedule specifies the order in which doors are to be installed

- a. True
- b. False

5 Points_____

19. When a 'cantilever' is incorporated into a building design

- a. There is more usable attic space
- b. The crawl space has conditioned air
- c. The foundation footprint is smaller than one of the floor plan footprints
- d. The floor joists can be smaller in size

5 Points_____

20. Typically, roof trusses use less lumber than stick built roofs
- a. True, there is more usable attic space
 - b. False

5 Points_____

If your Total Score is:

59 Points or lower	Assessment results recommend registration for this Intermediate course first to build a foundation before taking the Self-Assessment Quiz for the Advanced Blueprint Reading & Estimating Course
60 - 79 Points	You have a good foundation of knowledge however consider this course only if you feel that it is necessary for you to have a more comprehensive understanding of Intermediate Blueprint Reading & Estimating prior to the Advanced course
80- 100 Points	Consider taking the Self-Assessment Quiz for the Advanced Blueprint Reading & Estimating course to confirm proper course positioning

Please complete the questions below to provide additional information to the instructor to ensure that specific objectives are achieved during the course.

1. What are your expectations or goals for this course?

2. Is there a specific question, topic, situation, or problem which you want to ensure is addressed during the course?

Name_____ Company_____

Phone#_____ Email_____

Please return completed form to pmchale@nrla.org or fax to 518.880.6381