

Blueprint Reading Fundamentals Course Online

Develop fundamental blueprint reading skills for residential and commercial construction projects through hands-on, real-world learning experiences.

Group classes in Live Online and onsite training is available for this course. For more information, email partnerships@vdc.edu or visit: <https://vdc.edu/courses/blueprint-reading-fundamentals-course>



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Course Outline

This package includes these courses

- Blueprint Reading Course - Residential Construction (10 Hours)
- Blueprint Reading Course - Commercial Construction (20 Hours)

Blueprint Reading Course - Residential Construction

This is an online blueprint reading class for residential construction projects. Learn from a licensed architect about drawing types, scale and about the relationships between drawings.

- Demonstrate an understanding of the inter-relationship between the drawings included in a set of Construction Documents (blueprints).
- Analyze different drawings and see how scale is presented throughout a set of Construction Documents.
- Evaluate the similarities between all sets of blueprint construction documents submitted for building permits.
- Recognize the need for consistency in presenting information in all types of Construction Document in this online blueprint reading course.

So what is blueprint reading and why is it necessary in the construction industry? Many people in the construction industry can benefit professionally by learning how to read a set of blueprints, also known as construction documents (CDs). "Blueprint" is the historic name for construction documents. Contractors build the design and follow the drawings included in the set of "blueprints."

The blueprint reading class is 100% online and references a real-world project. VDCI encourages strong online engagement, participation in group discussion forums, and connecting with your instructor and classmates. Join us in the VDCI Student Lounge, where our current students and alumni share information about the industry and help one another.

Blueprint Reading Course - Commercial Construction

This is an online blueprint reading course for commercial projects. Learn from a licensed architect how to read blueprint drawings for a mixed-use commercial project that includes hotel, retail and parking.

- Demonstrate an understanding of the inter-relationship between the drawings included in a set of Construction Documents (blueprints) for a Mixed-Use Commercial project.
- Analyze different drawings and see how information is referenced throughout a set of Construction Documents.
- Evaluate the similarities between all sets of construction documents submitted for building permits.
- Recognize the need for consistency in presenting information in all types of Construction Documents.
- Gain experience understanding how 3D model presentations within a set of construction documents make the construction documents easier to understand the project.

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