

# Blueprint Reading 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@vdci.edu](mailto:partnerships@vdci.edu) or visit: <https://vdci.edu/courses/blueprint-reading-fundamentals-course>



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## Course Outline

This package includes these courses

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

### Residential Blueprint Reading Course Online

Taught by a licensed architect, this Residential Blueprint Reading Course is designed to provide you with a thorough understanding of how to interpret and analyze residential construction blueprints. This comprehensive, instructor-led course is ideal for beginners looking to gain essential skills, as well as for seasoned professionals seeking to improve their ability to collaborate on residential projects.

- 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 Documents in this online blueprint reading course.

### Commercial Blueprint Reading Course Online

Learn to interpret and analyze commercial construction blueprints in this Commercial Blueprint Reading Course taught by a licensed architect. Designed for construction professionals and students, this course focuses on mixed-use commercial projects, including hotel, retail, and parking structures. You'll develop skills to read architectural, structural, mechanical, and electrical plans.

- Gain a comprehensive understanding of architectural, structural, mechanical, and electrical plans as applied to a mixed-use commercial construction project.
- Learn to read and interpret symbols, notations, and technical details in accordance with industry standards. Evaluate the similarities between all sets of construction documents submitted for building permits.
- Work with real-world construction drawings and documents to build practical skills.

- Understand how blueprints are used to estimate costs, plan projects, and ensure on-site accuracy during construction.