

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@vdc.edu or visit: <https://vdc.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 for a career in construction, as well as for seasoned professionals seeking to improve their ability to collaborate on residential projects. You will explore the fundamental elements of blueprint reading, including architectural symbols, abbreviations, and scales. The course also dives into key components such as floor plans, elevations, sections, and details, ensuring learners gain a complete understanding of how to visualize and execute residential structures based on design documents. Through a structured, hands-on approach, you will work with real-world examples and residential project plans to reinforce their learning. This residential blueprint reading course is also [available in Spanish](#).

- 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

This Commercial Blueprint Reading course is designed to provide students with the foundational skills and insights necessary to efficiently interpret and analyze commercial construction drawings. Whether you're a professional in the construction industry or an aspiring student, this course will enhance your ability to read and understand blueprints, empowering you to communicate effectively and contribute to various stages of the construction process. Learn from a licensed architect how to read blueprint

drawings for a mixed-use commercial project that includes hotel, retail, and parking. This commercial blueprint reading course is also [available in Spanish](#).

- **Blueprint Essentials:** Gain a comprehensive understanding of architectural, structural, mechanical, and electrical plans as applied to Mixed-Use Commercial construction project.
- **Industry Standards:** 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.
- **Hands-On Learning:** Work with real-world construction drawings and documents to build practical skills.
- **Application of Knowledge:** Understand how blueprints are used to estimate costs, plan projects, and ensure on-site accuracy during construction.