

Blueprint Reading & Construction Estimating Course (Self-Paced)

Learn blueprint reading and construction estimating fundamentals in a self-paced bundle covering residential and commercial plan sets, quantity takeoffs, Bluebeam-based digital estimating workflows, and construction materials, so you can interpret construction documents and prepare more accurate cost estimates.

For more information, visit

<https://www.creativelive.com/classes/blueprint-reading-estimating-fundamentals-bundle>



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Course Outline

This package includes these courses

- Blueprint Reading Course - Residential Construction (Self-Paced) (10 Hours)
- Blueprint Reading Course - Commercial Construction (Self-Paced) (20 Hours)
- Intro to Construction Estimating Course (Self-Paced) (20 Hours)

Blueprint Reading Course - Residential Construction (Self-Paced)

Learn how to read and interpret residential construction blueprints from a licensed architect. This online course covers drawing types, scale, and the relationships between drawings using a real-world project as reference.

- Understand the inter-relationship between drawings included in a full set of construction documents
- Analyze how scale is presented and applied across different drawing types
- Evaluate the similarities and consistencies found across blueprint sets submitted for building permits
- Recognize the importance of consistent information presentation across all types of construction documents

Blueprint Reading Course - Commercial Construction (Self-Paced)

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.

Intro to Construction Estimating Course (Self-Paced)

This online construction estimator course is taught by a professional construction estimator. You will learn about the types of estimates and how an estimate is organized. The components and sub-components of an estimate will be addressed – you will learn how to become an estimator.

- Demonstrate an understanding of the inter-relationship between the construction drawings and a quantity-takeoff cost estimate.
- Analyze the components of a construction cost estimate and learn how a quantity-takeoff cost estimate is created.
- Master an understanding of quantity surveying, estimating takeoffs and pricing estimated quantities.
- Recognize the need for thoroughness and attention to detail when preparing construction cost estimates.