COURSE SYLLABUS

# Construction Estimating Certification Online

Develop a solid background in construction estimating while mastering digital takeoff methods. Learn industry tools, get ready for the Bluebeam Certified Professional Exam, and produce accurate cost estimates for real projects.

> Group classes (Live Online) and onsite training are available for this course. For more information, email onsite@graduateschool.edu or visit: https://www.graduateschool.edu/courses/construction-estimating-certification




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## Course Outline

This package includes these courses

- Intro to Construction Estimating Course Online (20 Hours)
- Construction Estimating with Bluebeam Course Online (30 Hours)
- Construction Materials Course Online (30 Hours)

AI Construction Estimating with Togal.AI Course Online

### Intro to Construction Estimating Course Online

Taught by a professional construction estimator, this course covers the essentials of construction estimating, including key tools, quantity takeoffs, and pricing strategies. You'll also learn how to create accurate cost estimate proposals, and understand what should be included or excluded in a proposal.

- Understand the fundamentals of construction estimating for both residential and commercial projects.
- Learn to interpret architectural and structural plans to extract key cost-related information.
- Master different types of estimates, including conceptual, preliminary, and detailed estimating.
- Gain insight into quantity surveying, estimating takeoffs, labor and equipment costs, and contingency planning.
- Explore industry-standard tools and software used to produce accurate cost estimations.
- Develop problem-solving skills to identify discrepancies and manage cost overruns effectively.

### Construction Estimating with Bluebeam Course Online

Master the art of accurate digital takeoffs and organizing construction estimates in this practical Bluebeam Estimating course. Perfect for contractors, estimators, and construction professionals, this course teaches you how to use Bluebeam Revu to generate quantity reports, optimize workflows, and prepare data for project proposals. You'll gain hands-on experience with

construction drawings to sharpen your estimating skills, from measurements to final reporting.

- Takeoff Fundamentals: Gain a solid understanding of digital estimating, including takeoffs, quantities, and bid preparation using Bluebeam Revu.
- Measurement Tools: Practice using Bluebeam's measurement, markup, and dynamic fill tools to calculate quantities for all building systems, including walls, windows, flooring, and roofing.
- Organized Estimating: Learn to organize data with tool chests, layers, spaces, and customizable columns. Export your takeoffs into shareable, editable reports for clients and team members.
- Real-World Application: Apply your knowledge to real project drawings with structured exercises that simulate professional estimating workflows.

## Construction Materials Course Online

This course offers a clear, practical look at the materials and systems behind both residential and commercial construction, stretching from concrete foundations through roofing systems. It walks through how key construction materials are used, their properties, and sustainability considerations, giving you the grounding needed to make informed decisions on construction projects.

- Get to know the properties and uses of essential construction materials, including concrete, steel, wood, and more
- Look into the latest innovations in sustainable and green construction materials
- Learn how to weigh and choose the right materials for different project requirements
- Build practical knowledge for applying materials across residential and commercial settings
- Sharpen your ability to assess material performance, durability, and cost-effectiveness
- Discover industry trends and best practices for putting materials to work in modern construction projects