

Construction Management Course Online

Build a strong foundation in construction management and prepare for successful project leadership. Learn the skills to manage construction projects, from planning to execution.

Group classes in Live Online and onsite training is available for this course. For more information, email partnerships@vdci.edu or visit: <https://vdci.edu/courses/construction-management-introduction>



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Course Outline

This package includes these courses

- Intro to Construction Management Course Online (20 Hours)
- Intermediate Construction Management Course Online (20 Hours)

Intro to Construction Management Course Online

This course offers a solid foundation in construction management, covering everything from project planning to completion. Ideal for aspiring professionals or those transitioning into the field, you'll learn key skills like scheduling, cost estimation, and effective communication with stakeholders. Through real-world examples and exercises, you'll gain practical experience in managing construction projects successfully. Topics include construction technology, reading construction documents, and contract administration. Whether you're new to the industry or moving into a management role, this course gives you the knowledge needed to succeed.

- Key principles of construction management and project organization
- Essentials of construction technology and how it applies to the industry
- How to interpret and analyze construction documents effectively
- Fundamentals of contract administration and legal requirements in construction
- Practical strategies for managing resources, schedules, and budgets
- Communication and leadership skills to manage teams and stakeholders
- Insight into industry best practices and real-world applications
- Overview of the key parties involved, industry sectors, design vs. construction
- Overview of the major project delivery systems, payment/procurement options, bonds, and insurance

Intermediate Construction Management Course Online

Take your construction management skills to the next level with this intermediate course. This course is designed for individuals with a foundational knowledge of construction management and aims to expand your expertise through practical applications

and advanced concepts. You will learn how a construction project is managed from start to finish. You'll learn about cost estimating and scheduling concepts, earthwork estimating, and contracts. Get a head start in the construction industry with these useful insights, tips, and terminology.

- Advanced project scheduling and resource allocation strategies.
- Budget estimation and cost control techniques.
- Risk assessment and management in construction projects.
- Effective communication and collaboration in multidisciplinary construction teams.
- Insights into regulatory compliance and contract administration.
- Overview of safety plans, quality plans, site logistics plans, phasing plans, and stormwater management plans.
- Overview of document control, submittals, RFI's, issue management, and jobsite records.