

# Virtual Design Construction

Duration: 1 Day

## INTRODUCTION

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Virtual Design Construction is a type of technology that creates digital models of buildings and project sites. VDC models are used by architects, engineers, and contractors to visualise and plan building designs, processes, schedules, and budgets, among other things. Human error is an inherent risk in construction workflows. VDC technology enables you to virtually construct a project, then track construction progress, optimise processes, reduce waste, and validate installations. This workshop will help improve the Workflow efficiency to increases, quality improves, and risk is reduced.

## SUGGESTED PREREQUISITES

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- Basic understanding of the construction industry and project lifecycle.
- Knowledge of construction documentation, such as drawings and specifications.
- Willingness to embrace technology and digital transformation in construction.

## COURSE OUTLINE

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- Provide an overview of virtual design construction (VDC) concepts, principles, and technologies.
- Explain the benefits and applications of VDC in construction projects.
- Familiarize participants with the key components and processes involved in VDC implementation.

