![CPG CONSTRUCTION PROFESSIONALS logo]

CPARS001

Autodesk Revit for Structural Engineering - *Fundamentals*

INTRODUCTION

Learn to design, detail, analyse, and document 3D models quickly and effectively using Autodesk Revit® software. Through hands-on training, you will be able to model 3D concrete reinforcement in a BIM environment, develop workflows in the Revit model, and create documentation and conduct structural analysis. This course, designed for those without Revit experience, will also be valuable for professionals with CAD experience.

COURSE OBJECTIVES

- Learn to operate Revit's powerful editing tools
- Gain the ability to model in 3D and streamline documentation in a BIM environment
- Gain tips for use in real life project situations

REGISTRATION

To register (course code CPARS001), scan this QR code or visit
www.constructionprofessionals.com.sg/course-index

WHY YOU SHOULD CHOOSE CPPL

Construction Professionals Pte Ltd (CPPL) is Singapore's longest serving infrastructure and building construction professional organisation. We are committed to the highest standards for our people, our industry, and our communities.

As an Autodesk Authorised Training Centre (ATC), CPPL is cultivating the next generation of AEC professionals with the most advanced learning and development courses.

LEVEL

| Fundamentals | Advanced (CPARS002) |

KEY COURSE INFORMATION

- 3-day training (9:30am-5:30pm)
- CPPL Training Centre at 1 North Coast
- As CPPL is an e2i-supported training provider, NTUC union members are eligible for UTAP training fund
- Hands-on with Autodesk Revit software in applications including:
  - Start structural projects, add structural grids and columns
  - Foundations, structural framing, views, and add slabs
  - Analysis – e.g. reinforcement and structural
  - Project – concrete structure
  - Creating and annotating construction documents

ASSESSMENT AND AWARD

Participants who meet the attendance requirement will be awarded the *Autodesk Certificate of Completion*.

WHO SHOULD ATTEND THIS COURSE

Recommended for BIM modellers, CAD drafters, project coordinators, designers, engineers and project managers who need hands-on Revit software training.