

## I AUTODESK

# Reinforced Concrete Detailing with Revit Structure 2020 - Virtual Course

This is an "online" version of the Reinforced Concrete Detailing with Revit Structure training course, delivered remotely over a number of individual half-day sessions. The course has been designed to lead existing Revit users towards the efficient 3D modelling of reinforcement and adding rebars to a variety of Revit elements such as Floors, Columns, Beams and Foundations. Delegates will then learn how to add 2D details such as range dimensions and tags to UK standards. (Please note that topics and timings may be subject to change)

---

## Prerequisites

As this course is delivered via a web-link, those attending will need to have access to a workstation, connected to the internet, and with Revit Structure installed. A twin screen setup and a headset with microphone is also highly recommended.

Delegates wishing to undertake this course should have ideally attended the Revit Structure Fundamentals course or a similar training programme.

---

## Objectives

### SESSION ONE

#### 09:30 Session 1.1

- An Introduction to reinforcement detailing with Revit Structure 2020
- Modelling and detailing strategies
- Add Reinforcement to a simple beam

#### 10:15 – 10:25

- Break

#### 10:25 Session 1.2

- Add Reinforcement to a foundation and column
- Understanding Reinforcement Settings

#### 11:10 – 11:20

- Break

#### 11:20 Session 1.3

- Using Reinforcement Constraints
- Sketching Rebar
- Rebar Properties

## 12:00 – 12:10

- Break

## 12:10 Session 1.4

- Creating a Bar Bending Schedule
- Copying rebar

## 13:00

- End of Session 1

## SESSION TWO

## 09:30 Session 2.1

- Adding Area Reinforcement to a slab
- Working with Rebar Sets
- Setting Reinforcement Laps

## 10:15 – 10:25

- Break

## 10:25 Session 2.2

- Understanding Rebar Layers
- Adding U-Bars and L-Bars
- Working with Path Reinforcement

## 11:10 – 11:20

- Break

## 11:20 Session 2.3

- Working with Multi Rebar Annotations
- Adding Tags

## 12:00 – 12:10

- Break

## 12:10 Session 2.4

- Adding symbols and other details
- Adding Couplers
- Working with Fabric Reinforcement

## 13:00

- End of Day 2

---

**DURATION**

2 Sessions

**COURSE CODE**

OL-RS-RCD

**COURSE COST****£450.00**Applies per person on an  
virtual scheduled course  
(excludes VAT)

---

**Get in touch**

Please contact us on [01992 807 444](tel:01992807444) or [via email](#) where you can speak to one of our training specialists who can answer any questions you may have and/or make a reservation.