

MQA Approved Short Course Revit Architecture

1. INTRODUCTION

Revit Architecture is a program specifically designed for architecture that uses the **BIM** (Building Information Modeling) system to generate and manage data about the designs, providing the user with total freedom when it comes to modeling buildings. Design all types of buildings and constructions by means of concept design tools.

Revit Architecture is not only a design tool but also an excellent coordination tools.

2. DURATION

The duration of the course is **forty five** (45) hours, conducted once a week on **Saturdays** (3 hours) for a period of 15 weeks (from 0900 – 1030 and 1100 - 1230)

3. VENUE & FACILITIES

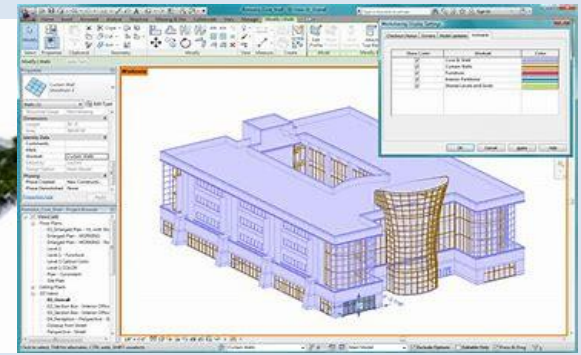
Class details will be communicated in due time.

4. TRAINING METHODOLOGY

Delivery of the course will be in the form of **lectures, hands on practicals and mini-project.**

5. CERTIFICATE

After completing the course, participants will be awarded a **certificate of attendance** issued by the **University of Mauritius.**



6. WHO SHOULD ATTEND

Anyone who has an interest in **Revit Architecture**: School leavers, Graduates, Architects, Engineers, CAD Technicians, Land Surveyors.

7. TRAINING/REGISTRATION FEES

Rs. 25,000 per participant (Includes training pack and refreshments).

Deadline for Registration: 22 September 2023.

8. RESOURCE PERSONS

Dr Asish SEEBOO, Head/Senior Lecturer, Civil Engineering Dept. (University of Mauritius).

9. CURRICULUM

The detailed curriculum is given on the next page.

10. STARTING DATE

Saturday 30 **September 2023**

11. MODE OF PAYMENT

Payment can be effected in Cash, Card or Cheque. Cheque must be drawn to the order of **University of Mauritius** and **crossed.**

Payment must be effected at the Cash Office, Finance Section, Stone Building, UoM, by 29 September 2023.

Note:

- 1. SEAT WILL BE CONFIRMED AGAINST PROOF OF PAYMENT**
- 2. HRDC refund**

APPLICATION FORM
MQA Approved Short Course
Revit Architecture

Surname of Participant: Other Names:
.....

Home Address: Office address:
.....

Tel (H): Tel (O): Tel (M):

Email:

Employer: Position:
.....

Highest Qualification:

Please provide your answer to the following questions.

1. Are you fluent with computers? Circle the right answer. Yes/No
1. Any CAD software you are familiar with?
1. Will you be using your laptop for this course? Yes/No
If you use your laptop, the Revit Architecture software will be installed.

Signature of Participant:

Date :

Application forms duly filled in should be sent to the following address or by **email** by latest **22 September 2023** prior to payment. Forms can also be sent by fax or email.



Asish SEEBOO
Civil Engineering Department
Faculty of Engineering
University of Mauritius, Reduit 80837.
Tel: 4037832; Mobile: 5259-0060
Email: a.seeboo@uom.ac.mu

The University of Mauritius reserves the right not to run the short course should the number of participants be insufficient.

**UNIVERSITY OF MAURITIUS
FACULTY OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING**

Course Title : REVIT ARCHITECTURE

Course Type: Non-award **Course Fees:**

Rs25,000

Contents of Course

Lecture #	Lecture Content	Learning Outcomes	Duration in hours
1	Introduction to REVIT	CAD versus BIM. Using the interface. Typical Revit behaviour. Using Standard Templates. Revit's automatic scales. View Templates	3
2	Object creation	Drawing objects. Levels. Grids. Columns. Beams. Beam systems. Slabs. Walls. Openings. Foundations. Bracing.	3
3	Modelling tools	Linework tools. Filled regions. Eye-dropper tool. Coping/Trim planes.	3
4	Detailing tools	Groups. Components. Clouds. Importing details.	3
5	Using Annotation	Tagging. Text. Dimensions. Spot dimensions. Leaders.	3
6	Setting up views and Sheets	3D views and Section boxes. Floor plans. Sections. Elevations. Drafting views. Sheets. Plotting.	3

TIMETABLE**UNIVERSITY OF MAURITIUS
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DEPARTMENT OF CIVIL ENGINEERING****Course Title : REVIT ARCHITECTURE****Course Type: Non-award****Course Fees:****Rs25,000****Contents of Course**

Lecture #	Lecture Content	Learning Outcomes	Duration in hours
7	Interoperability	Using linked files. Linking DWG files. Copy/Monitor. Clash detection. Export model. 3D DWF files. Sketchup.	3
8	Revit Shortcuts	Shortcut keys. Copy & paste to levels. Close hidden windows.	3
9	Worksharing	Enabling worksets. Setting up a central fie. Division of worksets. Planning a large BIM.	3
10	Mini-project	Using a particular project, the participants will have to plan, design and detail a building.	3
11			3
12			3
13			3
14			3
15			3