

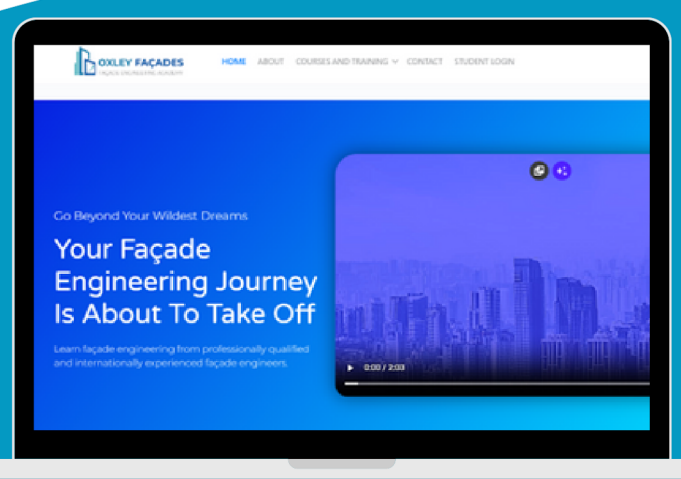
## Certificate in Facade Technology with AutoCAD and Revit Fundamentals.

The Certificate in Facade Technology with AutoCAD and Revit Fundamentals is a comprehensive program designed to provide individuals with a foundational understanding of facade engineering. The course covers essential aspects of building construction, facade materials, systems, and design software, preparing participants for entry-level positions in the facade industry.

### Modules:

- CT.1 - Introduction to Building Construction
- CT.2 - AutoCAD Essentials
- CT.3 - Introduction to Façade Engineering
- CT.4 - Familiarisation of Façade Systems
- CT.5 - Familiarisation of Façade Materials
- CT.6 - Revit Fundamentals
- CT.7 - Fundamentals of Façade Design, Procurement, and Installation
- CT.8 - Fundamentals of Performance of Façades
- CT.9 - CAD Integration and Project Workflow
- CT.10 - Understanding of Façade Maintenance, Health, and Safety

*This course provides a well-rounded education in facade technology, equipping participants with the knowledge and skills needed for a successful start in the industry.*



### Aims:

- Provide an understanding of building construction industry.
- Provide an understanding of facade engineering.
- Introduce AutoCAD and Revit for facade design.
- Familiarise participants with facade systems and materials.
- Emphasise the role and significance of facades in building design.
- Cover facade design, procurement, installation, and maintenance.

### Learning Outcomes:

#### Upon completion, participants should be able to:

- Understand building construction and facade engineering principles.
- Apply basic design principles for facade systems.
- Demonstrate proficiency in CAD tools for facade design.
- Utilise AutoCAD and Revit for 2D drafting and 3D modelling of facades.

### Course Format and Delivery:

- **Duration:** 6 months
- **Format:** Blended, weekends
- **Delivery:** Interactive online lectures, demonstrations, workshops, and instructor feedback.

### Who Can Apply:

- Secondary education (O/L, A/L, SSLC or similar)
- College or university graduates
- Individuals passionate about architecture or building construction.

### Career Opportunities:

- Entry-level Positions in Façade industry.
- Junior facade designer, junior draughtsperson, junior BIM modeler roles.