

Professional Diploma In Facade Engineering

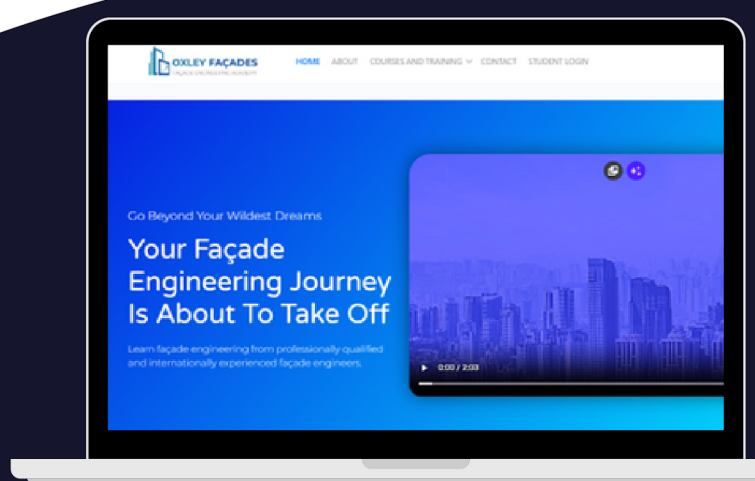
The Professional Diploma in Facade Engineering is an advanced-level program designed for experienced professionals in the field or those who have completed our diploma level course. This course provides in-depth knowledge of advanced design concepts, construction techniques, and project management skills in the realm of facade engineering.

Modules:

- PD.1 – Wall Types and Façade Forms
- PD.2 – Façade Materials (Advanced)
- PD.3 – Façade Design, Procurement and Installation (Advanced)
- PD.4 – Performance of Façades (Advanced)
- PD.5 – Façade Access, Health and Safety
- PD.6 – Façade Inspection and Maintenance

Aims of the Course:

- Comprehensive introduction to facade engineering, covering diverse wall types and facade systems.
- In-depth understanding of facade materials, their performance, appearance, safety, and environmental impact.
- Insights into holistic design, procurement, and construction processes of building envelopes.
- Exploration of diverse performance requirements of building envelopes.
- Understanding of access strategies and health and safety in facade engineering.
- Thorough understanding of facade inspection, maintenance, and investigation of failures.



Learning Outcomes

- Develop a solid comprehension of principles underlying various wall types and facade systems.
- Demonstrate competence in resolving design conflicts and specifying materials.
- Evaluate and monitor the design and construction of building envelopes.
- Specify and evaluate the performance of facades in various aspects.
- Acquire skills in determining access strategies and ensuring health and safety in facade engineering.
- Demonstrate proficiency in conducting inspections and providing remedial proposals.

Course Format and Delivery:

- Duration: 10 months
- Format: Blended, weekends
- Delivery Mode: Interactive online lectures, demonstrations, workshops, and feedback from the instructor.

Who Can Apply:

- Individuals who have completed the Diploma level course.
- Professionals with 3 or more years of experience in the facade industry seeking advanced knowledge.

Career Opportunities:

- Mid or senior-level facade design/execution roles, depending on experience.
- Opportunities for specialisation in the facade engineering field.

This advanced-level diploma program aims to equip experienced professionals with advanced skills and knowledge in facade engineering, providing opportunities for career advancement and specialization in the field.