

03 / ADVANCED SPECIALIST STUDY

# Professional Diploma in Façade Engineering

Advance specialist practice

Develop integrated technical and professional judgement.

12

MONTHS

120

LIVE TEACHING HOURS

ONLINE

LIVE CLASSES

## YOUR COURSE, IN DETAIL

Advanced specialist study for experienced learners and practitioners. Evaluate complex façade systems, balance competing requirements and communicate reasoned technical recommendations.

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Live online learning

# Course overview

The 12-month Professional Diploma in Façade Engineering develops advanced specialist knowledge and integrated professional judgement. It supports experienced learners and practitioners who want to evaluate complex façade systems, balance competing requirements and make reasoned technical recommendations.

Explore advanced system design, structural and glass engineering, building physics and environmental performance. Examine external-wall fire risk, forensic investigation, remediation and lifecycle engineering, alongside the evidence, sustainability and professional responsibilities that shape façade delivery.

Through live online teaching and applied technical examples, strengthen your ability to assess evidence, evaluate solutions and communicate recommendations. The course supports specialist practice, technical leadership and continued professional development within the Façade Engineering Industry.

## WHO THIS COURSE IS FOR

- Façade engineers, consultants and designers
- Building-envelope professionals
- Design and technical managers
- Experienced construction professionals with relevant façade or envelope experience

## ENTRY REQUIREMENTS

### Relevant background

Bring experience in façade engineering, building-envelope design, architecture, engineering or construction, with a foundation in technical design and performance.

### Routes into the course

Relevant qualifications and professional experience are considered. The Certificate Level Course and Diploma Level Course are not mandatory if you have a suitable background.

### Application review

Share your interest and background in the enquiry form. We will contact you when intake details are available; admission is assessed when applications open.

# What you will learn

SUBJECTS 01-03 / AIMS &amp; LEARNING OUTCOMES

## P1 Advanced Façade Engineering, Systems & Design Strategy

Develop an integrated design strategy for complex façade systems.

- Evaluate systems against architectural, structural and performance aims.
- Set out a coordinated system-selection strategy and key interfaces.
- Identify design risks, assumptions and evidence requirements.
- Defend technical decisions against project constraints.

## P2 Advanced Structural Façade & Glass Engineering

Evaluate loads, glass behaviour, supports and movement in façade design.

- Trace load paths and evaluate support concepts.
- Assess glazing and material behaviour under design actions.
- Review movement, deflection and tolerances at critical interfaces.
- Identify engineering checks and coordination evidence.

## P3 Advanced Façade Performance & Building Physics

Integrate thermal, moisture, weather, daylight and acoustic performance.

- Evaluate interacting thermal, air and moisture control layers.
- Assess condensation and thermal-bridge risks at junctions.
- Compare daylight, solar control and acoustic trade-offs.
- Review performance evidence against design intent.

# What you will learn

SUBJECTS 04-06 / AIMS &amp; LEARNING OUTCOMES

## P4 Advanced Façade Fire Engineering & External-Wall Risk

Evaluate external-wall fire risk and the limits of available evidence.

- Identify fire-relevant components and interfaces in an assembly.
- Interpret testing, classification and supporting evidence in context.
- Recognise gaps between tested systems and proposed details.
- Document a reasoned risk review and required specialist input.

## P5 Existing Façades, Forensics, Remediation & Lifecycle Engineering

Investigate existing façades and compare proportionate response options.

- Plan an evidence-led inspection and investigation scope.
- Interpret patterns of failure, deterioration and water ingress.
- Compare repair, remediation and replacement approaches.
- Consider durability, maintenance and whole-life impact.

## P6 Advanced Façade Delivery, Evidence, Sustainability & Professional Practice

Bring technical decisions, quality evidence and professional judgement into delivery.

- Structure specifications and design information for delivery.
- Define inspection, testing and quality records at key stages.
- Evaluate sustainability and maintainability alongside performance.
- Communicate reasoned technical recommendations to stakeholders.

# Learning & delivery

Both live online schedules provide 10 teaching hours per month. Choose the monthly intensive or an alternate-weekend cohort.

## MONTHLY INTENSIVE

### Saturday + Sunday

One weekend approximately every four weeks. Five hours on each day.

## ALTERNATE WEEKENDS

### Saturday or Sunday

One five-hour class every other weekend. Saturday-only or Sunday-only cohort.

## LEARN ONLINE, REVISIT THE TEACHING

Enrolled learners can watch live class recordings in the Oxley Façades learning management system (LMS). Teaching uses live online sessions and technical examples, connecting subject knowledge with practical façade work.

## PRACTICAL COURSE INFORMATION

### Is there a CAD or BIM strand?

There is no formal CAD or BIM strand in this course.

### How is learning assessed?

Exams with multiple-choice questions and assignments. Dates are confirmed for each intake.

### When are intake details available?

Oxley Façades will share future intake and application details when available. Contact the academy to check the current schedule and admission process.

# Fees & recognition

The standard fee is £3,000. Choose monthly payments or pay £2,700 in full at enrolment.

## MONTHLY PAYMENT TOTAL

# £3,000

£300 registration + twelve monthly payments of £225

## PAID UPFRONT

# £2,700

One payment at enrolment

The registration fee is included in the £3,000 monthly total. The upfront price saves £300 and applies only when the full fee is paid at enrolment. Alumni progression discounts may be available for eligible returning learners; the amount is confirmed individually. There is no separate certification fee.



## CPD STANDARDS OFFICE / PROVIDER LISTING

Oxley Façades Ltd is listed in the provider directory, ID 22488.

The provider directory lists an earlier activity title. Confirm the current intake details and activity scope for the Professional Diploma Level Course with Oxley Façades.

Training activity accreditation is distinct from an academic degree, professional registration, a licence to practise or a guarantee of employment.

[View the official provider listing](#)

# Career & progression

## POTENTIAL FAÇADE CAREER AREAS

### Design & technical leadership

Specialist design, technical leadership and design management roles.

### Engineering & specialist consultancy

Specialist façade engineering and consulting roles, subject to prior qualifications.

### Project & technical management

Roles coordinating complex façade projects and technical teams.

### Performance & existing façades

Specialist roles in façade performance, inspection and remedial works.

## YOUR BACKGROUND SHAPES YOUR STARTING LEVEL

### NEW TO THE INDUSTRY

Trainee, junior or assistant opportunities, depending on your background and course entry requirements.

### RELEVANT BACKGROUND

Suitable technical and professional opportunities that build on your existing qualifications and competence.

### 5+ RELEVANT YEARS

Potential senior or leadership opportunities where your competence meets the role requirements.

Opportunities and starting level depend on prior qualifications, relevant experience, competence and employer requirements. Engineering and consultancy roles may require appropriate technical qualifications or professional registration. Course completion does not guarantee a job or senior appointment.

Further development: Continue specialist development through practice, professional learning and relevant industry experience.

## DISCOVER MORE



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