

Case Study: Imperial College – Roof Repairs Above Live Laboratories

Client: Imperial College London (Maintenance Division)

Location: Postgraduate Laboratory Wing

Sector: Higher Education / Facilities Maintenance

Duration: 2 Months

Contract Type: Planned Maintenance

Completion: On Time & Incident-Free

Project Overview

Quest Interiors was appointed to carry out essential roof repairs above live postgraduate laboratories at Imperial College. The project required precision planning and close collaboration with lab users to ensure safety and continuity of research activities throughout the works.

Scope of Works

- Installation of **new skylights** to improve natural light and ventilation.
- Replacement of **slate roofing** to restore weatherproofing and structural integrity.
- Implementation of a **man-safe system** to support future maintenance access and safety compliance.
- Construction of a **fully sealed internal birdcage scaffold**, creating a temporary roof to protect sensitive lab environments during external works.

Challenges & Solutions

Working directly above active research labs presented significant logistical and safety challenges. Quest Interiors coordinated closely with lab users and facilities teams to phase the works and ensure zero disruption to ongoing experiments. The bespoke internal scaffold solution provided full containment, allowing roof works to proceed safely and efficiently.

Outcome

The project was delivered on time, within budget, and with **no incidents** reported. The upgraded roof system now ensures long-term protection of critical research spaces, while the collaborative approach taken by Quest Interiors was praised by both maintenance and academic teams.



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