

## EDUCATION : CASE STUDY 1

### Mechanical, Electrical and Datacom Installation

SEC has been the preferred datacom contractor for a major London University since 1997, undertaking all aspects of data and electrical installations from fibre, Cat5e infrared wireless links through to small electrical refurbishments across five sites within New Cavendish Street, Harrow, Regent Street, Marylebone and Euston.

Many of the University buildings are on the 'listed' register and require great care to ensure the visual appearance is not affected by any works. Installations range from complete infrastructures, including cableways, cabinets, backbone links and horizontal cabling, to minor additions, moves or changes to existing schemes.

The successful partnership with the University has resulted in a state-of-the-art refurbishment of a 1960's seven storey building in the heart of London's West End. A £35 million investment programme for the University's School of Computer Science began in 2003. SEC was responsible for the replacement of a significant section of the building's electrical system including:

- Installation of small power
- Lighting
- Fire Detection
- Copper Cat 5e data cabling system
- Computer security

In addition, new mechanical services included:

- Ventilation system
- Heating
- Air conditioning to four floors
- Emergency gas shutdown system to the laboratories

The relatively fast track project involved close liaison with five other contractors and the client to ensure minimum disruption to the September student enrolment.

SEC, Building Services Awards Major M&E Contractor of the Year (2004 and 2005) and Electrical Industry Awards M&E Contractor of the Year (2005), is part of the Scottish and Southern Energy Group, and is committed to delivering projects on time, on budget and SAFELY.

For further information please contact us on:-  
Tel: 0118 953 4088  
Fax: 0118 953 4996  
Web: [www.sec.eu.com](http://www.sec.eu.com)



#### Quality and Safety

SEC is ISO9001:2000 Accredited and all Engineering Managers are IOSH (Institution of Occupational Safety and Health) qualified; evidence of our commitment to quality and safety.

- Fully Trained and Competent Staff
- Regular On-Site Safety Audits
- Daily Risk Assessment
- Use of Full Range of Personal Protective Equipment (PPE)
- Liaison with Client's Staff Affected by Work Activities
- Hazards and Risks Controlled at Worksite