In this subject you will receive an overview of the big picture co-ordinated design aspects of building services for commercial buildings which are essential to the design team in the early stages of development, prior to detailed engineering.

This subject provides an introduction to the issues involved in the design and planning of the various service systems in buildings larger than domestic scale. Students will be able to contribute comprehensively to the decisions made about these systems with an awareness of the implications upon building design and operation.

At the completion of this subject you will be able to: understand the principles involved in the functioning of the systems (these principles should remain relevant in the future even if the technology changes); know about the technology currently available, and understand the issues involved in deciding between competing solutions (not necessarily to make a final choice but to contribute competently to a discussion about that choice); and be aware of the implications the system has on the planning of the building. This usually means the space occupied, the need for access for maintenance and the effect on floors below and above. In the case of lifts, escalators and stairs, the pedestrian traffic patterns created should be considered.

Topics covered include: strategic planning for services; air conditioning and ventilating systems; lifts and escalators; hydraulics systems; fire services; electrical services, lighting, security systems.

WHO IS THIS SUBJECT FOR?
People in the Engineering, Building Services and Building industry.

SUBJECT DETAILS
DESC9151 Introduction to Building Services
Presenter: Alan Obrart
Cost: $1920 (full course), $640 (Day One Overview)
When: 5 day intensive: 22, 23, 24 March and 19 April, 9–6pm
Where: Wilkinson Building, 148 City Road
Assessment: assignments (only required if you are attending on a Participation basis)

HOW TO REGISTER
Fax or email to Sue Lalor the completed CPD Registration form found at: www.sydney.edu.au/architecture/cpd

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