NEW ENERGY EFFICIENCY MEASURES
For commercial buildings the proposed BCA 2006 measures are an extension of the measures in place in BCA 2005 for residential type buildings.

These new measures are the most comprehensive energy efficiency requirements to date, covering mechanical and electrical services (ventilation, controls, cooling, heating, lighting) plus fabric involving glazing, shading and insulation. The new measures will make early involvement of building services engineering professionals essential to achieving cost effective energy complying outcomes for the necessary integration of services with the building fabric.

OBJECTIVES OF THE INTENSIVE COURSE
Day 1 of this intensive course, is a stand alone detailed overview of the building and services design issues requiring from the need to comply with these new comprehensive energy efficiency requirements for commercial buildings. It will also include
• application and legislative framework
• aims and predicted benefits and NPV estimates and
• the actual provisions as they relate to the building fabric, exterior glazing, building sealing, air movement, cooling and heating, light and power, hot water and access for maintenance.

The comprehensive deemed to satisfy (DTS) prescriptive provisions will be reviewed and the performance based alternative solution using energy modelling (to ABCB protocol) and the required verification methods will be explained. Topics will include what is involved in the verification of an alternative solution for energy efficiency and how does the new JP1/JP2 with JV1/JV2/JV3 compare in use as an alternative solution, the DTS J1 to J8.

Day 2 will cover in detail the application of the new energy efficiency measures to the many commercial building owners, designers and occupants who choose the prescriptive deemed to satisfy (DTS) route to comply with the BCA. Worked examples and detailed discussion regarding the applications of J1 - Fabric, J2 - Glazing, J3 - Sealing, J4 Air Movement, J5 - Cooling & Heating, J6 - Light & Power, J7 - Hot Water and J8 - Access for Maintenance will be presented by Dr Ernest Donnelly, Associate to the ABCB, for energy efficiency and Alan Obrart, Coordinator of the Graduate Program in Building Services.

DAY 1 REGISTRATION $550. DAY 1 AND DAY 2 REGISTRATION $950. PAYMENT TO BE SENT TO ADMISSIONS COORDINATOR, FACULTY OF ARCHITECTURE DESIGN & PLANNING, UNIVERSITY OF SYDNEY 2006

BCA 2006 ENERGY REQUIREMENTS TAX INVOICE: ABN 15 211 513 464
please note that 5 working days notice of cancellation must be given to effect refund

Mr./Mrs./Ms First Name Surname:
Company: Address:
Postcode: Phone:
Fax: Email:

I enclose payment of $550/$950
☐ Cheque payable to University of Sydney

Please charge $550.00/$950.00 to my:
☐ Mastercard ☐ Bankcard ☐ Visa

Card # Name on Card
Expiry Date Signature

Further Information: Email: admissions@arch.usyd.edu.au
To register, please fax the above form to: Admissions Coordinator on 02 9036 9532