

# Deakin University, School of architecture and building

Technology in buildings lecture, by Ian Corless, Zentec.com.au

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Mr. Ian Corless has written and delivered an engaging lecture on technology in buildings based on his extensive experience working in the industry for the past 10 years. The practical insights to the applications of various forms of technology in modern buildings, gives the final year architecture students a solid grounding in the fundamentals of how to deploy building control systems and services successfully to their current and future projects.

His unique concept of using technology as “soft architecture” adds a new dimension to the pallet of other elements used in producing a modern functional building. This thinking has opened a new avenue to the architecture world previously consisting of basically static elements.

Ian is equally at home discussing the implications of energy management systems and how best to achieve the results that are now in some cases mandatory in new buildings, particularly commercial sites. It is clear from his experience, that Clipsal's CBus building automation system performs well in both the domestic (mainly comfort and aesthetic) environment and the commercial arena, where functionality and reliability are the key. Using examples drawn from Ian's real world applications the students can quickly grasp the concepts and in turn, then implement them into their projects.

The tutorial sessions also proved valuable as questions arose, succinct answers to complex technical issues were given in terms that could be directly applied to actual architectural projects. Some of the many topics covered were CBus automation systems, lighting control, remote access to buildings, security systems, access control systems, CCTV and camera systems, TV and satellite TV distribution systems, low energy lighting, home cinema and multi room audio systems, data and telephone distribution systems, intercom systems and touch screens and in general whole building / house control systems.

Ian's assistance in teaching the architecture students about technology in buildings has been greatly appreciated and we are grateful for his contribution to the curriculum. We would gladly welcome him back again next year.

Dr Mark Luther, Associate Professor, School of Architecture & Building,  
Director of the Mobile Architecture and Built Environment Laboratory



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