702-336 Construction Regulation A

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 1, - Taught on campus.
Time Commitment:	Total Time Commitment: Not available
Prerequisites:	702-219 (ABPL20006) Science and Services, or equivalent.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	702-896 (ABPL00052) Construction Regulation A (PG)
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry. It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability
Coordinator:	Dr Eckhart Ulrich Hertzsch
Subject Overview:	An introduction to construction regulations including: # government legislation # the Building Code of Australia # performance requirements # deemed-to-Satisfy solutions # alternative solutions. Fire technology including: # fire science # fire statistics # causes of fire # rural wildfire # fire prevention # fire containment # automatic fire detection # automatic fire suppression # fire properties of materials # fire resistance levels # human movement and emergency egress # emergency warning systems # emergency lighting # controlling smoke spread

	An overview of the BCA Deemed-to-Satisfy fire-related provisions and associated standards and codes. An introduction to fire safety engineering, including: # analysing fire and smoke spread # use of computer tools # preparing alternative solutions # evaluating alternative solutions. An introduction to sustainable building practice in the context of: # legislation # regulations # standards and codes. On completion of the subject students should be able to: # Understand and apply parts of the Building Code of Australia to simple buildings # Appreciate the system of construction regulations in Australia # Understand the nature and cause of fire in relation to the built environment # Appreciate the principles and discipline of fire safety engineering
Assessment:	One three-hour examination (60%)Assignments totaling 2000 words (40%)A grade of at least 40% must be achieved in the final examination to pass the subject.
Prescribed Texts:	None
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	On completion of the subject students should have developed the following skills and capabilities: # Problem-solving skills which facilitates engaging with unfamiliar knowledge areas and identifying relevant strategies # Analytical skills including the ability to construct and express logical arguments # Ability to work in abstract terms in order to achieve a clear and efficient analysis # Working in a team # Creativity in solving unfamiliar problems and readiness to adopt new ideas # Planning of effective work schedules in order to meet deadlines
Links to further information:	http://www.abp.unimelb.edu.au/environments-and-design-students/abp-ugrad-students.html