

MECH4429 Integrated Capstone Experience

Capstone Project for Building Services Engineering
<http://me.hku.hk/bse/capstone/>

Semester 2 Presentation: Technical Analysis – Assessment Form

Student Name: _____ University No.: _____
 (* please exclude the marks for yourself)

Semester 2 Presentation: Technical Analysis – Assessment Form

- 13-Apr-2016 (Wed) 09:30-12:30 Oral presentations [CPD-LG.18, Lower Ground Floor, HKU Centennial Campus]

Time	Student Name and Project Title	Marks (0 to 100)	Comments (if any)
09:30-09:45	3035043623 Mr. Law Ka Ho Benefits of adopting BIM analysis in the adaptive use of Eliot Hall		
09:45-10:00	2012515370 Mr. Zeng Ruoli Analysis of building information modelling (BIM) for adaptive reuse of Eliot Hall and May Hall		
10:00-10:15	2012534895 Mr. Chan Chi Fung Analysis of indoor air quality for the Eliot Hall and May Hall		
10:15-10:30	2013702061 Mr. Chung Chi Kuen Feasibility study of using geothermal heat pump in Eliot Hall and May Hall		
10:30-10:45	3035072789 Mr. Wong Tsz Wai Franco Electrical fault analysis of Eliot Hall and May Hall		
Tea Break			
11:00-11:15	2013701457 Miss Lau Ho Yee Escape and emergency evacuation analysis for adaptive reuse of Eliot Hall and May Hall		
11:15-11:30	2013707645 Mr. Wong Ho Ching Fire risk assessment of Eliot Hall and May Hall by probabilistic approach		
11:30-11:45	2012524773 Mr. Au-yeung Tsz Fung Jethro Fire services fire risk and hazard analysis of Eliot Hall and May Hall		
11:45-12:00	2013708388 Mr. Chan Kwan Ho Analysis of fire engineering approach of Eliot Hall and May Hall		
12:00-12:15	3035043049 Mr. Kwan Yan Kit Analysis of replacement of sprinkler system by water mist system in Eliot Hall and May Hall		

• 13-Apr-2016 (Wed) 14:30-17:30 Oral presentations [CPD 2.14, 2/F HKU Centennial Campus]

Time	Student Name and Project Title	Marks (0 to 100)	Comments (if any)
14:30-14:45	3035074555 Mr. Pan Tin Yuet Analysis of material and waste in green design for Eliot Hall and May Hall		
14:45-15:00	3035070183 Mr. Ying Sen Analysis of green building design for plumbing and drainage systems in May Hall and Eliot Hall		
15:00-15:15	3035070341 Mr. Lau Ka Lok Analysis of energy aspects for green building design in Eliot Hall and May Hall		
15:15-15:30	3035071931 Miss Leung Fai Ki Building energy performance of May Hall and Eliot Hall		
15:30-15:45	2013706263 Miss Yim Wai Nga Applying Building Energy Code analysis to the Eliot Hall and May Hall		
15:45-16:00	3035041950 Mr. Tse Chi Tung Application of photovoltaic system on heritage building		
Tea Break			
16:15-16:30	2012522608 Mr. Lam Chun Ki The analysis of daylighting performance for Eliot Hall and May Hall		
16:30-16:45	3035045669 Mr. Lau Ka Keung Lighting design and daylight analysis in May hall and Eliot hall		
16:45-17:00	2012516556 Mr. So Pui Man Lighting energy and cost saving potential at Eliot Hall and May Hall		
17:00-17:15	3035070846 Mr. Suen Ka Ho Indoor lighting analysis of Eliot Hall and May Hall		
17:15-17:30	2013710862 Mr. Wong Hong Yip Edwin Indoor and outdoor lighting analysis for Eliot Hall and May Hall		

Notes: The assessment criteria are:

- (a) Organization: the way the parts of a presentation fit together.
- (b) Content: the topics included in the presentation; key concepts are important.
- (c) Adaptation: the visual aids and level of interest created by the presenter.
- (d) Language: the presenter's use of oral language throughout the session.
- (e) Delivery: the connection between speaker and audience.

Suggested range: Excellent 75-100 ; Good 65-74 ; Satisfactory 56-64, Sufficient 50-55, Fail < 50.