

## 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)

**• 13-Apr-2015 (Mon) 14:30-17:30 Oral presentations [HW7-37, 7/F Haking Wong Building]**

Time	Student Name and Project Title	Marks (0 to 100)	Comments (if any)
14:30-14:45	3035044902 Mr. Chan Kan Tong Analysis of ventilation strategies for enhancing indoor air quality of HKU University Guest House		
14:45-15:00	3035041833 Mr. Chan Wai Chung Analysis of the balancing between indoor air quality and energy conservation of HKU University Guest House		
15:00-15:15	3035040918 Mr. Kwan Chun Sun Victor Analysis of the influence of solar radiation and façade glazing system on the thermal performance of Hong Kong Disney Resort		
15:15-15:30	2012715944 Mr. Leung Pang Tim Performance analysis of oil-free chiller system for HKU University Guest House		
15:30-15:45	2012700121 Mr. Wong Chi Pan Analysis of indoor air quality (IAQ) issues for the design of HKU University Guest House		
15:45-16:00	3035041742 Mr. Yei Tak Hay Jerry Performance study in using Energy Recovery Ventilators (ERV) in University Guesthouse		
Tea Break			
16:15-16:30	3035043477 Mr. Chan Kin Ping Comparative analysis of wind energy systems for HKU University Guest House		
16:30-16:45	3035044603 Mr. Chau Pak Hin Design analysis of solar photovoltaic system for HKU University Guest House		
16:45-17:00	2012527402 Mr. Fang Zigeng Analysis of solar hot water system for HKU University Guest House		
17:00-17:15	3035041948 Mr. Tam Shing On Analysis of photovoltaic thermal hybrid system for HKU University Guest House		
17:15-17:30	3035044213 Mr. Tsui Tsun Ting Solar load and solar photovoltaic system analysis for HKU University Guest House		

## Semester 2 Presentation: Technical Analysis – Assessment Form

• 15-Apr-2015 (Wed) 09:30-12:30 Oral presentations [HW7-37, 7/F Haking Wong Building]

Time	Student Name and Project Title	Marks (0 to 100)	Comments (if any)
09:30-09:45	3035045645 Mr. Lee Pok Man Lift traffic analysis for the design of HKU University Guest House		
09:45-10:00	2012700171 Mr. Leung Yan Yeung Analysis the lift energy consumption for HKU University Guest House		
10:00-10:15	3035022007 Miss Qin Chengyi Intelligent indoor lighting analysis for HKU University Guest House		
10:15-10:30	3035042198 Mr. Tang Man Lung Energy analysis of different lighting control strategies on HKU University House		
10:30-10:45	2012710255 Mr. Wong Hoi Kwan Comparative analysis of LED and CFL lighting systems for HKU University Guest House		
Tea Break			
11:00-11:15	3035045798 Mr. Chan Tsz Chung Siphonic roof drainage system analysis for HKU University Guest House		
11:15-11:30	3035022320 Mr. Fu Xiangyu Influence of Building Envelope on Thermal Energy Saving --- A Case Study of HKU Guest House		
11:30-11:45	3035040176 Mr. Ng Tin Pui Analysis of energy saving key card system for HKU University Guest House		
11:45-12:00	2012709505 Miss Sin Kit Yan Building Energy Code analysis - A case study of HKU University Guest House		
12:00-12:15	3035044627 Mr. Wong Chun Yin Carbon emission analysis of the Robert Black College		

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.