"See-vii" Engineering Programme 2015/16

土木工程話你知 2015/16

1. INTRODUCTION

1.1 The "See-vii" Engineering Programme 2015/16
土木工程話你知 2015/16

Found on the success of the programme in 2014/15, this year the "See-vii" Engineering Programme 2015/16 continues to provide students with an opportunity to learn more about civil engineering, the importance of sustainability, infrastructure and urban development in Hong Kong.

The "See-vii" Engineering Programme 2015/16 consists of 3 sessions which will be carried out on 3 Saturdays in June and July 2016. To enrich students' learning and promote sharing of knowledge, the sessions will be in the form of site visits, interactive workshops and debriefing seminar. In the broad context of Civil Engineering in Hong Kong, 2 topics have been selected to deepen students' understanding – "Railways" and "Bridges".

This proposal intends to seek active participation from secondary schools in Hong Kong to nominate their students to participate in the Programme.

2. DETAILS OF THE PROGRAMME

2.1 Format, Topics and Schedule

The "See-vii" Engineering Programme 2015/16 will be conducted in Cantonese and the format will be site visits, workshops and debriefing seminar.

Site Visits

It is intended to arrange no more than two site visits to meet with the particular interest of study. Students will gain practical knowledge on actual construction works.

Workshops

Students will acquire engineering knowledge through classroom yet interactive study. Engineering related games and presentation by students will be conducted.

Debriefing Seminar

To consolidate students' experiences and learning, a debriefing seminar will be organized for students to share with practicing civil engineers.
Topics and tentative schedule of the Programme are shown as follows:-

<table>
<thead>
<tr>
<th>Tentative Date (Time)</th>
<th>Topics and Activities</th>
<th>Key Take-Away</th>
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| 25 June 2016 (09:00 – 17:00) | Railways  
- Site Visit to MTR Express Rail Link Project Site  
- Workshop  
- Engineering related games | - What is the role of Railways in Hong Kong?  
- How is it related to the sustainable development of Hong Kong?  
- Are there any engineering challenges in the design and construction? |
| 2 July 2016 (09:00 – 17:00) | Bridges  
- Site Visit to Hong Kong-Zhuhai-Macao Bridge Project Site  
- Workshop  
- Engineering related games | - What is the importance of connecting the different cities by mega-bridges?  
- How is it related to the sustainable development of Hong Kong?  
- Difficulties encountered in the Project |
| 16 July 2016 (10:00 – 12:00) | Debriefing Seminar  
- Presentation by students  
- Practicing civil engineers will be invited  
- Sharing among students and engineers | - Consolidation of learnings in site visit and workshops  
- Prospect and significance of Civil Engineering |

Remarks

1. All events are held on Saturdays.

2. Tentative venue for workshops: Kowloon Bay Construction Industry Council Training Centre.

3. To encourage proactive learning, students are required to do basic researches on the designated topics before each site visit and workshop, and to fill in log sheet summarizing what they have learnt thereafter.

Student's Name  email address  phone no.