Build Digital Model from Physical Object

This course aims at provide, both engineering and non-engineering participants, those who are interested in exploring a new approach (RE techniques) to acquire a digital model.

It is a practical programme to acquire such valuable knowledge (RE) from a simple and easy-to-understand setting. Emphasis will be placed on the hand-on experience to create a digital model from physical part, interface between virtual and reality. Throughout the course, there will many opportunities to practice.

Course contents include:

- Overview of the Reverse Engineering
- Understand the 3D digitization of the physical models
- Appreciate the creation of Design CAD Model
- Provide opportunities to integrate and apply RE technique to downstream design application-3D Web, multimedia presentation, CNC machining and 3D printing.

Course code | Dates          | Day                        | Time                  |
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-           | 28 June - 2 July 2004 | Mondays & Wednesdays Saturdays | 6:00 pm - 9:00 pm 9:00 am - 5:00 pm |
-           | 11 - 15 October 2004 | Mondays & Wednesdays Saturdays | 6:00 pm - 9:00 pm 9:00 am - 5:00 pm |

Organising dept. : IC
No. of sessions : 4, 3 hours each
Medium of instruction : English & Cantonese
Venue : PolyU Campus
Fee : $2,000