

## Professional Certificate in Parametric Surface Modeling for Product Design (SolidWorks) (90hrs) 65028C

With the needs on accelerating the design process, product designers are required to use advance digital modeling technology to handle free form design in markets that include domestic appliances, electronics and toys. This course integrates the design process with technology providing training on the knowledge and skill in product design on free from design development as well as parametric 3D surface modeling.

The course also incorporates design project management using SolidWorks from idea and form generation to final design and presentation. Practitioners will be able to manage the project from editing, modification and visualisation to preparation on public examination on SolidWorks (e.g. Certified SolidWorks Professional, CSWP)

### Course Outline

1. Product Design with Free Form (30 hrs) Module Code DDP4059Y
  - Free form in product design
  - Design project management
  - Idea generation in from form design
2. Introduction to Parametric Surface Modeling (SolidWorks) (30 hrs) Module Code DDP4083Y
  - Introduction of Solid Modeling (SolidWorks)
  - Parametric Solid Modeling Techniques (SolidWorks)
  - Examination on Certified SolidWorks Professional (CSWP)
3. Advanced Parametric Surface Modeling (SolidWorks) (30 hrs) Module Code DDP4041Y
  - Introduction to concepts of solid modeling integrate with surface modeling (SolidWorks)
  - Part design with surface modeling (SolidWorks)
  - Solid-Surface Hybrid Modeling (SolidWorks)

Duration: 90 hrs

Fees

Full Course: \$12,300 (90hrs)

Single Module: \$4,500 (30hrs)

Payment, Timetable & Venue: see TIMETABLE & FEES in [www.hkdi.edu.hk/peec](http://www.hkdi.edu.hk/peec)

### Entry Requirements

5 HKCEE passes including English Language and Chinese Language (Level 2 or above), or at least two years relevant work experience for mature applicant aged 23 or above.

### Enquiry

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