IME CADCAM TRAINING CENTRE SDN BHD
(605704-H)

CERTIFIED SOLIDWORKS PROFESSIONAL (CSWP)

Duration : **3 hours 30 minutes**
Each Duration **Segment 1 : 90 minute**
Segment 2 : 40 minute
Segment 3 : 80 minute

Methodology : Practical hands-on and case studies.

Target :

- ✓ **SolidWorks Users**
- ✓ **R&D engineer**
- ✓ **Application engineer**
- ✓ **Product designer or engineer**
- ✓ **Industrial engineer**

Objective : **SolidWorks Certifications** can be used as a benchmark to measure your knowledge and competency with SolidWorks software.
A **Certified SolidWorks Professional** is an individual that has successfully passed our advanced skills examination.
Each **CSWP** has proven their ability to design and analyze parametric parts and moveable assemblies using a variety of complex features in SolidWorks.

Recommended Training : To ensure a consistent learning experience for all students, participants should have:

- ✓ **Attended SolidWorks Essentials**
- ✓ **Attended Advanced Assembly Modeling**
- ✓ **Attended Advanced Part Modeling**

Passing Grade : Minimum **75%** in each Segment

Rewards :

- ❖ **Electronics Certificate**
- ❖ **An International recognized certificate**
- ❖ **CSWP business card LOGO**
- ❖ **Certification Directory / Portal**

Re-test Policy : There is a minimum 14 day waiting period between every attempt of the same CSWP Segment exam.

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Exam features hands-on challenges in these areas:

Segment 1: (90 Minutes)

- Creating a part from a drawing
- Using linked dimensions and equations to aid in modeling
- Using equations to relate dimensions
- Updating parameters and dimension sizes
- Mass property analysis
- Modifying geometry on initial part to create a more complex part

Segment 2: (40 Minutes)

- Creating configurations from other configurations
- Changing configurations
- Mass properties
- Changing features of an existing SolidWorks part
- Creation and modification of a Design Table in an existing part

Segment 3: (80 Minutes)

- Creating an assembly
- Adding parts to an assembly
- Doing collision detection when moving a part in an assembly
- Mates
- Replacing a part with another part in an assembly
- Creating a coordinate system
- Using a coordinate system to perform mass properties analysis