

**CSWP PREPARATION CLASS**

**Pre-Requisites:** SOLIDWORKS Experience Equal or Above Essentials Class

**Daily Schedule:** 6:00-8:00p.m.

**Length:** 3 Session, Two Hours Each

**Description:** This class prepares users for success with an experienced instructor leading students through examples highlighting skills needed in all three segments of the exam, along with coaching, test taking tips, and lab exercises that give users practice in the types of models and tasks the exam will require.

## Chapter 1 - Segment 1 of the CSWP CORE Exam

- » Understand the Virtual Tester
- » Read and Understand an Engineering Document
- » Engineering Documentation Practices
- » Build a Part From Detailed Illustrations
- » Part Building Including Design Intent Concepts,
- » Editing Parts, Global Variables and Equations, and Mass Properties

## Chapter 2 - Segment 2 of the CSWP CORE Exam

- » Part Revision/Change Strategies
- » Modify, Delete, and Repair Features
- » Handling Errors and Warnings
- » Feature Reordering
- » Create and Manage Configurations

## Chapter 3 - Segment 3 of the CSWP CORE Exam

- » Bottom-up assembly modeling techniques
- » Standard and advanced mates
- » Interference detection, both statically and dynamically
- » Use of sub-assemblies
- » Replace component
- » Assembly mass properties, including using coordinate systems

