TABLE OF CONTENTS

TESTING TIPS

I have collected various testing tips over the years from my colleagues and friends on the SOLIDWORKS Certification exams. Below is a list that may help you prepare and pass the CSWP exam.

1. It is an exam. It is timed. There is no partial credit. Be precise in your work and enter your answers with the correct number of decimal places. Were you perfect in the sample CSWP exam or on the examples in this book? If not, why? Correct the mistakes before taking the real exam; you will be glad you did.
2. The sample CSWP exam only covers Segment 1 of the CSWP exam. Time yourself on the practice exam. You should be able to finish the sample Segment 1 exam in approximately 50 minutes.
3. Read up on the contents of the exam that you are not familiar with (collision detection, interference detection, Advanced mates, measure tool, design tables, configurations, error recovery, equations, global variables, coordinate systems, replace components, etc.) before you take any segment of the CSWP.
4. You will be tested on data found in the Mass Properties section of SOLIDWORKS. It is important to be familiar with accessing Mass Properties and interpreting them correctly.
5. The second question in most segments is usually in a multiple-choice format. You need the exact answer (within 0.5% of the stated value) before you move on to the next question (fill in the blank). If you don't find your answer (within 0.5%) in the multiple-choice single answer format section, recheck your solid model for precision and accuracy.
6. In Segment 1 of the CSWP exam use global variables A thru E. Use Equations for X & Y. This will save you time.
7. In Segment 1, change the label of the dimensions in your model to A, B, C, D, etc. to visually keep track of which dimensions need to be changed. As an alternative, you can also use the Design Table to manage the changing parameters.
8. Create a directory and file structure to save your model during the exam. Create a millimeter, 2 decimal place, part template and assembly template.
9. Take the test on a system you are familiar with. Don't customize your system right before you take the exam.
10. Read all questions before beginning. Pay attention to material changes, origin location, dimensional changes. Note which values indicated by a letter are the ones that will change.