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Solidworks Sheet Metal And Weldments Training Course

***The CSWPA is a set of
exams designed to***

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***demonstrate your
advanced abilities in
five distinct areas of
SOLIDWORKS. By passing
the CSWPA exams you
prove to potential
employers that you have***

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***an advanced skill set
within SOLIDWORKS, and
you become more
desirable in the job
market. Certified
SOLIDWORKS Professional
Advanced Preparation***

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Material is intended for the SOLIDWORKS user who has already passed the CSWP exam, and is ready to advance to the next level. This book covers the five CSWPA

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***examinations; Sheet
Metal, Weldments,
Surfacing, Mold Tools,
and Drawing Tools. The
lessons in this book
were created based on
the actual CSWPA***

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Examinations. Each of these projects have been broken down and developed into easy and comprehensible steps for the reader. Every challenge is explained

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very clearly in short chapters, ranging from 30 to 50 pages. Each step comes with a screen shot to help you understand the main concept of each design

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***more easily. Learn the
CSWP Advanced
Preparation Materials at
your own pace, as you
progress from Parts,
Assemblies, Drawings and
then to more complex***

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***design challenges. To
get the most out of this
CSWPA-Certification
Preparation book it is
strongly recommended
that you have studied
and completed all the***

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***Lessons in the Basic
Tools, Intermediate
Skills and Advanced
Techniques books. It is
also a great resource
for the more CAD
literate individuals who***

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want to expand their knowledge of the different features that SOLIDWORKS 2017 has to offer. This book is a great resource to prepare for and pass the

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***CSWPA exams which will
prove your expertise and
further your career.
After completing at
least four of the five
CSWPA exams you will
become eligible to try***

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for the highest level

SOLIDWORKS

certification, the

Certified SOLIDWORKS

Expert.

SOLIDWORKS 2021 Advanced

Techniques picks up

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***where SOLIDWORKS 2021
Intermediate Skills
leaves off. Its aim is
to take you from an
intermediate user with a
basic understanding of
SOLIDWORKS and modeling***

Where To Download
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***techniques to an
advanced user capable of
creating complex models
and able to use the
advanced tools provided
by SOLIDWORKS. The text
covers parts, surfaces,***

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SimulationXpress, sheet metal, top-down assemblies and core and cavity molds. Every lesson and exercise in this book was created based on real world

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projects. Each of these projects has been broken down and developed into easy and comprehensible steps. Furthermore, at the end of every chapter there are self test

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questionnaires to ensure that you have gained sufficient knowledge from each section before moving on to more advanced lessons. This book takes the approach

Where To Download
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***that in order to
understand SOLIDWORKS,
inside and out, you
should create everything
from the beginning and
take it step by step.
Who this book is for***

Where To Download
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This book is for the intermediate to advanced user who has already completed the SOLIDWORKS Basic Tools book and may have also completed the SOLIDWORKS Intermediate

Where To Download
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Skills book. People who are very familiar with SOLIDWORKS and its add ins will also find this book to be a valuable resource.

The only guide you need

Where To Download Solidworks Sheet Metal And Weldments Training Course

to learn the leading 3D solid modeler program, SolidWorks. This in-depth guide goes into extensive detail, not just on "how" the software works, but in

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many cases "why" it works the way it does. SolidWorks is a powerful 3D solid modeling system that is popular with CAD users everywhere, but to become really proficient

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*at the more involved
functionality in
SolidWorks one really
needs specialized
training or a
comprehensive book like
the SolidWorks Bible*

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***Thoroughly covers
SolidWork features using
real-world examples
Author, Matt Lombard, is
well known and well
respected in the
SolidWorks community and***

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*host a popular
SolidWorks blog called
dezinstuff Get the
guidance you need to
efficiently learn and
master SolidWorks. Note:
CD-ROM/DVD and other*

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***supplementary materials
are not included as part
of eBook file.***

***This book is intended to
help new users learn the
basic concepts of
SOLIDWORKS and good***

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***solid modeling
techniques in an easy to
follow guide that
includes video
instruction. It is a
great starting point for
those new to SOLIDWORKS***

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*or as a teaching aid in
classroom training to
become familiar with the
software's interface,
basic commands and
strategies as users
complete a series of*

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*models while learning
different ways to
accomplish a particular
task. At the end of this
book, you will have a
fairly good
understanding of the*

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SOLIDWORKS interface and the most commonly used commands for part modeling, assembly and detailing after completing a series of components and their 2D

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***drawings complete with
Bill of Materials. The
book focuses on the
processes to complete
the modeling of a part,
instead of focusing on
individual software***

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***commands or operations,
which are generally
simple enough to learn.
Throughout this book the
author introduces you to
new commands that are
required to pass the***

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***Certified SOLIDWORKS
Associate exam, as
listed on the SOLIDWORKS
website. A dedicated
chapter provides you
with details about the
exam, as well as a***

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***practice test to help
you prepare for the
actual exam. SOLIDWORKS
is an easy to use CAD
software that includes
many time saving tools
that will enable new and***

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experienced users to complete design tasks faster than before. Most commands covered in this book have advanced options, which may not be covered in this book.

Where To Download Solidworks Sheet Metal And Weldments Training Course

This is meant to be a starting point to help new users to learn the basic and most frequently used commands. Includes Video Instruction Each copy of

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***this book includes
access to video
instruction. In these
videos the author
provides a clear
presentation of
tutorials found in the***

Where To Download
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***book. The videos
reinforce the steps
described in the book by
allowing you to watch
the exact steps the
author uses to complete
the exercises while he***

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provides additional details along the way. Captioned versions of these videos are also available for customers who want or need video captions.

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***Solidworks 2013 Bible
Sheet Metal, Weldments,
Surfacing, Mold Tools
and Drawing Tools
Mastering SolidWorks
Beginner's Guide to
SOLIDWORKS 2017 - Level***

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I

***SolidWorks 2005 Training
Manual Sheet Metal and
Weldments***

Solidworks 2017

**Beginner's Guide to SOLIDWORKS
2021 – Level II starts where**

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Beginner's Guide – Level I ends, following the same easy to read style and companion video instruction, but this time covering advanced topics and techniques. The purpose of this book is to teach advanced techniques including sheet metal, surfacing, how to

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create components in the context of an assembly and reference other components (Top-down design), propagate design changes with SOLIDWORKS' parametric capabilities, mold design, welded structures and more while explaining the basic concepts of

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each trade to allow you to understand the how and why of each operation. The author uses simple examples to allow you to better understand each command and environment, as well as to make it easier to explain the purpose of each step, maximizing

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the learning time by focusing on one task at a time. This book is focused on the processes to complete the modeling of a part, instead of focusing on individual software commands or operations, which are generally simple enough to learn. At the end of this book,

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you will have acquired enough skills to be highly competitive when it comes to designing with SOLIDWORKS, and while there are many less frequently used commands and options available that will not be covered in this book, rest assured that those

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covered are most of the commands used every day by SOLIDWORKS designers. The author strived hard to include many of the commands required in the Certified SOLIDWORKS Professional Advanced and Expert exams as listed on the SOLIDWORKS

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**website. Includes Video Instruction
Each copy of this book includes
access to video instruction. In these
videos the author provides a clear
presentation of tutorials found in
the book. The videos reinforce the
steps described in the book by
allowing you to watch the exact**

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steps the author uses to complete the exercises while he provides additional details along the way. Captioned versions of these videos are also available for customers who want or need video captions. This book is based on the actual CSWPA-SM exam. It is the most

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complete and comprehensive book on CSWPA-SM available, and it will thoroughly prepare you to take and pass the CSWPA-SM exam. The CSWPA-SM exam is one of the most challenging of the CSWPA exams and this book will help you prepare for this exam. There 15 Questions in

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the exam as is in this book and the exam length is 90 minutes. Each and every step comes with actual exam screen captures and step by step solutions with screen captures from solidworks. Solidworks is one of the most widely used MCAD packages on the planet and it is an

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excellent example of how certification can distinguish a standout designer or design engineer from the rest of the crowd. The completion of the Certified SOLIDWORKS Professional Advanced Sheet Metal (CSWPA-SM) exam shows that you have

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successfully demonstrated your ability to use SOLIDWORKS Sheet Metal tools and employers can be confident that an individual with this certification understands the set of SOLIDWORKS tools that aid in the design of sheet metal components. A journey of a

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thousand miles begins with the first step, take the step today by purchasing this eBook or in fact a roadmap to passing your Certified SOLIDWORKS Professional Advanced Sheet Metal (CSWPA-SM) Exam and joining a family of thousands of Certified Solidworks

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**Professionals across the
Globe. This book is not only for
someone who wants to write and
pass the Certified SOLIDWORKS
Professional Advanced Sheet Metal
(CSWPA-SM) exam but it is also for
those who want to learn the best
practice in using sheet metal tools**

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in Solidworks as well as those who want to keep their skills honed and or maintain their ingenuity and proficiency with the software. To write the CSWPA-SM exam, one should have passed the CSWA and CSWP exams.

This book is your self-study guide.

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The objective of this book is to help you learn SOLIDWORKS 2015 by using its various features. The fourteen lessons in this tutorial introduce you to the designing, documentation, and presentation in SOLIDWORKS 2015. The topics covered in this tutorial are part and

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**assembly design, drawings,
sheetmetal, surface design, mold
tools, weldments, DimXpert, and
rendering. The skills you develop
after completing this tutorial are: ***
**Basics of Part, Assembly, and
drawings * Creating Sketches ***
Additional Part and Assembly tools

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*** Sheet Metal Design * Basics of
Surface design * Mold Tools *
Design and documents Weldments
* GD&T using DimXpert *
Appearances and Rendering
The CSWPA is a set of exams
designed to demonstrate your
advanced abilities in five distinct**

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areas of SOLIDWORKS. By passing the CSWPA exams you prove to potential employers that you have an advanced skill set within SOLIDWORKS, and you become more desirable in the job market. Certified SOLIDWORKS Professional Advanced Preparation

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Material is intended for the SOLIDWORKS user who has already passed the CSWP exam, and is ready to advance to the next level. This book covers the five CSWPA examinations: Sheet Metal, Weldments, Surfacing, Mold Tools, and Drawing Tools. The lessons in

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this book were created based on the actual CSWPA examinations. Each of these projects has been broken down and developed into easy and comprehensible steps for the reader. Every challenge is explained very clearly in short chapters, ranging from 30 to 50

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pages. Each step comes with a screen shot to help you understand the main concept of each design more easily. Learn the CSWP Advanced Preparation Materials at your own pace, as you progress from Parts, Assemblies, Drawings and then to more complex design

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challenges. To get the most out of this CSWPA-Certification Preparation book it is strongly recommended that you have studied and completed all the lessons in the Basic Tools, Intermediate Skills and Advanced Techniques books. It is also a great

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resource for the more CAD literate individuals who want to expand their knowledge of the different features that SOLIDWORKS 2020 has to offer. This book is a great resource to prepare for and pass the CSWPA exams which will prove your expertise and further your

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career. After completing at least four of the five CSWPA exams you will become eligible to try for the highest level SOLIDWORKS certification, the Certified SOLIDWORKS Expert. Parts, Assemblies, Drawings, PhotoView 360 and

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SimulationXpress

SolidWorks 2010

Level II

SolidWorks 2011 Parts and

Assemblies Bible, Two-Volume Set

Beginner's Guide to SOLIDWORKS

2019 - Level I

Beginner's Guide to Solidworks

Where To Download Solidworks Sheet Metal And Weldments Training Course **2013**

Beginner's Guide to
SolidWorks 2013 – Level
II starts where
Beginner's Guide – Level
I ends, following the
same easy to read style,

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but this time covering advanced topics and techniques. The purpose of this book is to teach advanced techniques including sheet metal, surfacing, how to create

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components in the context of an assembly and reference other components (Top-down design), propagate design changes with SolidWorks' parametric

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capabilities, mold design, welded structures, and more while explaining the basic concepts of each trade to allow you to understand the how and

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why of each operation.

The author uses simple examples to allow you to better understand each command and environment, as well as to make it easier to explain the

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purpose of each step, maximizing the learning time by focusing on one task at a time. This book is focused on the processes to complete the modeling of a part,

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instead of focusing on individual software commands or operations, which are generally simple enough to learn. At the end of this book, you will have acquired

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enough skills to be highly competitive when it comes to designing with SolidWorks, and while there are many less frequently used commands and options

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available that will not be covered in this book, rest assured that those covered are most of the commands used every day by SolidWorks designers. The author strived hard

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to include the commands required in the Certified SolidWorks Associate test as listed on the SolidWorks website, and some, as well as several more.

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Imagine transforming a flat sheet of aluminum alloy into an attractive hood scoop. Or designing and making your own aluminum wheel tubs, floorpan and dashboard

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for your street machine.

How about learning to design and build your own body panels, manifolds, brackets and fuel tanks? These are just a few of the many

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tips and techniques
shared by master metal
craftsman Ron Fournier.
Author of HP's award-
winning Metal
Fabricator's Handbook,
Fournier packs decades

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of experience designing and shaping sheet metal components for Indy cars, drag race cars, road racers, street rods and street machines into 144 pages. You'll find

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tips on: · Setting up
your own shop ·
Selecting and using
basic hand tools ·
Proper use of English
wheels, beaders,
rollers, brakes and

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power hammers · Pattern design and proper sheet metal selection · Basic metal shaping techniques · The art of hammer forming · Proper riveting techniques ·

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And finally, tips on restoring original sheet metal Whether you're restoring a '32 Ford, constructing a race car, building a show-winning street rod or street

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machine, or perhaps developing your skills for work in the metal industry, you'll find the information in this book invaluable, and a perfect addition to any

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home automotive library.

This senior
undergraduate level
textbook is written for
Advanced Manufacturing,
Additive Manufacturing,
as well as CAD/CAM

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courses. Its goal is to assist students in colleges and universities, designers, engineers, and professionals interested in using SolidWorks as

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the design and 3D printing tool for emerging manufacturing technology for practical applications. This textbook will bring a new dimension to

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SolidWorks by introducing readers to the role of SolidWorks in the relatively new manufacturing paradigm shift, known as 3D-Printing which is based

Where To Download Solidworks Sheet Metal And Weldments Training Course on Additive

Manufacturing (AM)
technology. This new
textbook: Features
modeling of complex
parts and surfaces
Provides a step-by-step

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tutorial type approach
with pictures showing
how to model using
SolidWorks Offers a user-
Friendly approach for
the design of parts,
assemblies, and

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drawings, motion-
analysis, and FEA topics
Includes clarification
of connections between
SolidWorks and 3D-
Printing based on
Additive Manufacturing

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Discusses a clear
presentation of Additive
Manufacturing for
Designers using
SolidWorks CAD software
"Introduction to
SolidWorks: A

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Comprehensive Guide with Applications in 3D Printing" is written using a hands-on approach which includes a significant number of pictorial descriptions

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of the steps that a student should follow to model parts, assemble parts, and produce drawings.

A comprehensive resource packed with information

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for both beginners and
advanced users

SolidWorks is the
leading 3D solid
modeling software used
in computer-aided
design. It's powerful

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but not simple. This complete guide introduces beginners to the software but then goes far beyond, covering numerous details that advanced

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users have requested.

Beginners will learn not only how the software works but why, while more experienced users will learn all about search criteria, Pack-

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and-Go, other file management concepts, and much more. A valuable companion website contains before and after real-world parts and assemblies along

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with many example files
used in the text.

Additionally, the text
of the book is augmented
by video tutorials with
author voice-over which
can be found on the

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website. SolidWorks is the leading 3D CAD program, and previous editions of this book have sold more than 33,000 copies Covers necessary information to

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give beginners a solid foundation in the software, including part and assembly modeling and 2D drawing techniques Addresses a wide range of advanced

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topics not treated in
other books, including
best practices, search
criteria, Pack-and-Go,
and other file
management concepts
Includes tutorials on

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both beginning and advanced topics, with videos; sample part, assembly, and drawing files; and before-and-after example files available on the

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companion website

SolidWorks 2013 Bible is the ultimate resource on SolidWorks 2013, the book beginners can start with and advanced users will want to keep close

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at hand.

Certified SOLIDWORKS
2017 Professional
Advanced Preparation
Material
Sketching, Part
Modeling, Assembly,

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Drawings, Sheet Metal,
Surface Design, Mold
Tools, Weldments, MBD
Dimensions, and
Rendering

A Comprehensive Guide
with Applications in 3D

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Beginner's Guide to
SOLIDWORKS 2016 - Level
I

Sheet Metal Handbook
Sketching, Part
Modeling, Assembly,

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Drawings, Sheet Metal,
Surface Design, Mold
Tools, Weldments, Model-
based Dimensions,
Appearances, and
SimulationXpress

The CSWPA is a set of exams

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designed to demonstrate your advanced abilities in five distinct areas of SOLIDWORKS. By passing the CSWPA exams you prove to potential employers that you have an advanced skill

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set within SOLIDWORKS, and you become more desirable in the job market. Certified SOLIDWORKS Professional Advanced Preparation Material is intended for the SOLIDWORKS user who has

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already passed the CSWP exam, and is ready to advance to the next level. This book covers the five CSWPA examinations: Sheet Metal, Weldments, Surfacing, Mold Tools, and Drawing

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Tools. The lessons in this book were created based on the actual CSWPA examinations. Each of these projects has been broken down and developed into easy and comprehensible

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steps for the reader. Every challenge is explained very clearly in short chapters, ranging from 30 to 50 pages. Each step comes with a screen shot to help you understand the main

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concept of each design more easily. Learn the CSWP Advanced Preparation Materials at your own pace, as you progress from Parts, Assemblies, Drawings and then to more complex design

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challenges. To get the most out of this CSWPA-Certification Preparation book it is strongly recommended that you have studied and completed all the lessons in the Basic

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Tools, Intermediate Skills
and Advanced Techniques
books. It is also a great
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literate individuals who want
to expand their knowledge of
the different features that

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SOLIDWORKS 2018 has to offer. This book is a great resource to prepare for and pass the CSWPA exams which will prove your expertise and further your career. After completing at

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least four of the five CSWPA exams you will become eligible to try for the highest level SOLIDWORKS certification, the Certified SOLIDWORKS Expert.

SOLIDWORKS 2020 Learn by

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doing introduces new users to mechanical design using SOLIDWORKS and how it can be used to create a variety of models. In fourteen tutorial based chapters, the author guides you through

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all the necessary commands and options in SOLIDWORKS 2019, from sketching to parametric modeling and finally ending with rendering. The commands are presented one step at a time

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using simple examples. The approach used in this book helps you to become a skilled SOLIDWORKS user. SOLIDWORKS 2020 Learn by doing begins with introduction to basic

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modeling. The later chapters focus on additional modeling, top-down assemblies, sheet metal modeling, drafting, surface modeling, mold tools, weldments, Model-based

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dimensioning, Appearances,
and SimulationXpress. Table
of Contents 1. Getting
Started 2. Modeling Basics 3.
Assembly Basics 4. Creating
Drawings 5. Sketching 6.
Additional Modeling Tools 7.

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Sheet metal Modeling 8. Top-
Down Assembly 9.
Dimensions and Annotations
10. Surface Design 11. Mold
Tools 12. Weldments 13.
MBD Dimensions 14.
Appearances and Rendering

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15. SimulationXpress

SOLIDWORKS 2018 Learn by doing introduces new users to mechanical design using SOLIDWORKS and how it can be used to create a variety of models. In fourteen

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tutorial based chapters,
author guides you through
all the necessary commands
and options in SOLIDWORKS
2018, from sketching to
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finally ending with rendering.

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SOLIDWORKS 2018 Learn by

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doing begins with
introduction basic modeling.
The later chapters focus on
additional modeling, top-
down assemblies, sheet
metal modeling, drafting,
surface modeling, mold

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tools, weldments, DimXpert,
and rendering. Table of
Contents 1. Getting Started
2. Modeling Basics 3.
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Sheet metal Modeling 8. Top-Down Assembly 9. Dimensions and Annotations 10. Surface Design 11. Mold Tools 12. Weldments 13. DimXpert 14. Appearances and Rendering If you are an

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educator, you can request an evaluation copy by sending us an email to

online.books999@gmail.com

This book is intended to help new users learn the basic concepts of SOLIDWORKS

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and good solid modeling techniques in an easy to follow guide that includes video instruction. It is a great starting point for those new to SOLIDWORKS or as a teaching aid in classroom

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training to become familiar with the software's interface, basic commands and strategies as users complete a series of models while learning different ways to accomplish a particular task.

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At the end of this book, you will have a fairly good understanding of the SOLIDWORKS interface and the most commonly used commands for part modeling, assembly and

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detailing after completing a series of components and their 2D drawings complete with Bill of Materials. The book focuses on the processes to complete the modeling of a part, instead

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of focusing on individual software commands or operations, which are generally simple enough to learn. Throughout this book the author introduces you to new commands that are

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required to pass the Certified SOLIDWORKS Associate exam, as listed on the SOLIDWORKS website. A dedicated chapter provides you with details about the exam, as well as a practice

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test to help you prepare for the actual exam.

SOLIDWORKS is an easy to use CAD software that includes many time saving tools that will enable new and experienced users to

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complete design tasks faster than before. Most commands covered in this book have advanced options, which may not be covered in this book. This is meant to be a starting point to help new

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users to learn the basic and
most frequently used
commands.

Beginner's Guide to
SOLIDWORKS 2022 - Level I
Drawing and Detailing with
SolidWorks 2014

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Weldments Training Course

Beginner's Guide to
SOLIDWORKS 2020 - Level I
SolidWorks 2005
Sheet Metal, Top Down
Design, Weldments,
Surfacing and Molds
Introduction to SolidWorks

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This book is intended to help new users learn the basic concepts of SOLIDWORKS and good solid modeling techniques in an easy to follow guide that includes video instruction. It is a

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great starting point for those new to SOLIDWORKS or as a teaching aid in classroom training to become familiar with the software's interface, basic commands and strategies as

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users complete a series of models while learning different ways to accomplish a particular task. At the end of this book, you will have a fairly good understanding of the SOLIDWORKS interface

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and the most commonly used commands for part modeling, assembly and detailing after completing a series of components and their 2D drawings complete with Bill of Materials. The

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book focuses on the processes to complete the modeling of a part, instead of focusing on individual software commands or operations, which are generally simple enough to

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learn. The author strived hard to include the commands required in the Certified SOLIDWORKS Associate and Certified SOLIDWORKS Professional Exams as listed on the

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SOLIDWORKS website.

SOLIDWORKS is an easy to use CAD software that includes many time saving tools that will enable new and experienced users to complete design tasks faster

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and most frequently used
commands.

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and good solid modeling
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software's interface, basic commands and strategies as users complete a series of models while learning different ways to accomplish a particular task. At the end of this book, you will have a

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operations, which are generally simple enough to learn. The author strived hard to include the commands required in the Certified SOLIDWORKS Associate and Certified

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SOLIDWORKS Professional Exams as listed on the SOLIDWORKS website. SOLIDWORKS is an easy to use CAD software that includes many time saving tools that will enable new

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and experienced users to complete design tasks faster than before. Most commands covered in this book have advanced options, which may not be covered in this book. This is meant to

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be a starting point to help new users to learn the basic and most frequently used commands. Includes Video Instruction Each copy of this book includes access to video instruction. In these

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videos the author provides a visual presentation of tutorials found in the book. The videos reinforce the steps described in the book by allowing you to watch the exact steps the author uses

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to complete the exercises.
Drawing and Detailing with
SolidWorks 2010 is written
to educate and assist
students, designers,
engineers, and professionals
in the drawing and detailing

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tools of SolidWorks. Explore the learning process through a series of design situations, industry scenarios, projects, and objectives targeted towards the beginning to intermediate SolidWorks

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user. Work through numerous activities to create multiple-view, multiple-sheet, detailed drawings, and assembly drawings. Develop Drawing templates, Sheet formats,

Where To Download Solidworks Sheet Metal And Weldments Training Course and Custom Properties.

Construct drawings that incorporate part configurations, assembly configurations, and design tables. Manipulate annotations in parts,

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drawings, assemblies, Revision tables, Bills of Materials and more. Apply your drawing and detailing knowledge to over thirty exercises. The exercises test your usage competency as

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well as explore additional topics with industry examples. Advanced exercises require the ability to create parts and assemblies. Drawing and Detailing with SolidWorks

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2010 is not a reference book for all drafting and drawing techniques. The book provides examples to: Start a SolidWorks 2009 session and to understand the following interfaces: Menu

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bar toolbar, Menu bar menu,
Drop-down menus, Context
toolbars, Consolidated drop-
down toolbars, System
feedback icons,
Confirmation Corner, Heads-
up View toolbar, Document

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Properties and more. Apply Document Properties to reflect the ASME Y14 Engineering Drawing and related Drawing Practices. Import an AutoCAD file as a Sheet format. Insert

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SolidWorks System Properties and Custom Properties. Create new SolidWorks Document tabs. Create multi-sheet drawings from various part configurations and develop

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the following drawing views:
Standard, Isometric,
Auxiliary, Section, Broken
Section, Detail, Half Section
(Cut-away), Crop, Projected
Back, with a Bill of Materials
and a Revision Table and

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Revisions. Insert and edit:
Dimensions, Feature Control
Frames, Datums, Geometric
Tolerancing, Surface
Finishes, and Weld Symbols
using DimXpert and manual
techniques. Create, apply,

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and save Blocks and
Parametric Notes in a
drawing. Project 7 provides
a bonus section on the
Certified SolidWorks
Associate CSWA program
with sample exam questions

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and initial and final
SolidWorks models.

The complete SolidWorks
reference-tutorial for
beginner to advanced
techniques Mastering
SolidWorks is the reference-

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tutorial for all users. Packed with step-by-step instructions, video tutorials for over 40 chapters, and coverage of little-known techniques, this book takes you from novice to power

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user with clear instruction that goes beyond the basics. Fundamental techniques are detailed with real-world examples for hands-on learning, and the companion website provides tutorial

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files for all exercises. Even veteran users will find value in new techniques that make familiar tasks faster, easier, and more organized, including advanced file management tools that

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simplify and streamline pre-flight checks. SolidWorks is the leading 3D CAD program, and is an essential tool for engineers, mechanical designers, industrial designers, and

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drafters around the world. User friendly features such as drag-and-drop, point-and-click, and cut-and-paste tools belie the software's powerful capabilities that can help you create cleaner,

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more precise, more polished designs in a fraction of the time. This book is the comprehensive reference every SolidWorks user needs, with tutorials, background, and more for

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beginner to advanced techniques. Get a grasp on fundamental SolidWorks 2D and 3D tasks using realistic examples with text-based tutorials Delve into advanced functionality and

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capabilities not commonly covered by how-to guides
Incorporate improved search, Pack-and-Go and other file management tools into your workflow Adopt best practices and exclusive

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techniques you won't find anywhere else Work through this book beginning-to-end as a complete SolidWorks course, or dip in as needed to learn new techniques and time-saving tricks on-

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demand. Organized for efficiency and designed for practicality, these tips will remain useful at any stage of expertise. With exclusive coverage and informative detail, Mastering

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SolidWorks is the tutorial-
reference for users at every
level of expertise.

Drawing and Detailing with
SolidWorks 2010
SOLIDWORKS 2018
Reference Guide

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Weldments Training Course

Certified SOLIDWORKS
Professional Advanced
Preparation Material
(SOLIDWORKS 2021)
SolidWorks 2007 Bible
Certified Solidworks
Professional Advanced Sheet

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Metal Exam Preparation:

Cswpa-SM

Beginner's Guide to

SOLIDWORKS 2021 - Level

II

The only continuous, step-by-
step tutorial for SolidWorks

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SolidWorks is a 3D CAD manufacturing software package that has been used to design everything from aerospace robotics to bicycles. This book teaches beginners to use SolidWorks through a step-

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by-step tutorial, letting you build, document, and present a project while you learn. Tools and functionality are explained in the context of professional, real-world tasks and workflows. You will learn the essential

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functions and gain the skills to use the software at once.

SolidWorks is a popular design software for manufacturing, and this book introduces it in the context of actually creating an object Begins with an overview

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of SolidWorks conventions and the interface Explains how to create models and drawings, create a revolved part and subassembly, and model parts within a subassembly Explores modification capabilities and

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drawing and Bill of Materials templates Moves on to top-level assembly models and drawings, Toolbox components and the Design Library, mates, export and printing capabilities, and creating renderings Includes a

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glossary, a foreword from the SolidWorks product manager, and downloadable tutorial files SolidWorks 2010: No Experience Required quickly turns beginners into confident users of SolidWorks.

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Drawing and Detailing with SolidWorks 2012 is written to educate and assist students, designers, engineers, and professionals in the drawing and detailing tools of SolidWorks. Explore the learning process

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through a series of design situations, industry scenarios, projects, and objectives target towards the beginning to intermediate SolidWorks user. Work through numerous activities to create multiple-

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view, multiple-sheet, detailed drawings, and assembly drawings. Develop Drawing templates, Sheet formats, and Custom Properties. Construct drawings that incorporate part configurations, assembly

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configurations, and design tables with equations.

Manipulate annotations in parts, drawings, assemblies, Revision tables, Bills of Materials and more. Apply your drawing and detailing knowledge to over

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thirty exercises. The exercises test your usage competency as well as explore additional topics with industry examples.

Advanced exercises require the ability to create parts and assemblies. Drawing and

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Detailing with SolidWorks 2012 is not a reference book for all drafting and drawing techniques and tools. The book provides information and examples in the following areas: History of engineering graphics, manual

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sketching techniques,
orthographic projection,
isometric projection, multi-view
drawings, dimensioning
practices, fasteners in general,
tolerance and fit and the history
of CAD leading to the

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development of SolidWorks.

Start a SolidWorks 2012 session and to understand the following interfaces: Menu bar toolbar, Menu bar menu, Drop-down menus, Context toolbars, Consolidated drop-down

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toolbars, System feedback icons, Confirmation Corner, Heads-up View toolbar, Document Properties and more. Apply Document Properties to reflect the ASME Y14 Engineering Drawing and

Where To Download Solidworks Sheet Metal And Weldments Training Course related Drawing Practices.

Import an AutoCAD file as a Sheet format. Insert SolidWorks System Properties and Custom Properties. Create new SolidWorks Document tabs. Create multi-sheet drawings

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from various part configurations and develop the following drawing views: Standard, Isometric, Auxiliary, Section, Broken Section, Detail, Half Section (Cut-away), Crop, Projected Back, with a Bill of

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Materials and a Revision Table
and Revisions. Insert and edit:
Dimensions, Feature Control
Frames, Datums, Geometric
Tolerancing, Surface Finishes,
and Weld Symbols using
DimXpert and manual

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techniques. Create, apply, and save Blocks and Parametric Notes in a drawing. Chapter 10 provides a bonus section on the Certified SolidWorks Associate CSWA program with sample exam questions and initial and

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final SolidWorks models. The book is designed to compliment the SolidWorks Users Guide, SolidWorks Reference Guide, Standards, Engineering Drawing/Design and Graphics Communications reference

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books. The authors recognize that companies utilize additional drawing standards. The authors developed the industry scenarios by combining industry experience with their knowledge of engineers, sales, vendors and

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manufacturers. These professionals are directly involved with SolidWorks everyday. Their work goes far beyond a simple drawing with a few dimensions. They create detailed drawings, assembly

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drawings, marketing drawings and customer drawings.

SolidWorks users work between drawings, parts, assemblies and many other documents to complete a project on time.

"The most complete resource

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for SolidWorks on the market. Matt Lombard's in-depth knowledge plus his snappy wit and wisdom make SolidWorks accessible to users at all levels."
-- Mike Sabocheck, Territory
Technical Manager, SolidWorks

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Corporation The most comprehensive single reference on SolidWorks Whether you're a new, intermediate, or professional user, you'll find the in-depth coverage you need to succeed with SolidWorks 2007

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in this comprehensive reference. From customizing the interface to exploring best practices to reinforcing your knowledge with step-by-step tutorials, the techniques and shortcuts in this detailed book

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will help you accomplish tasks, avoid the time-consuming pitfalls of parametric design, and get a firm handle on one of the leading 3D CAD programs on the market. * Customize the user interface and connect

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hotkeys to macros * Create sketches, parts, assemblies, and drawings * Build intelligence into parts * Work with patterns, equations, and configurations * Learn multibody, surface, and master model techniques *

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Write, record, and edit Visual
Basic(r) macros Design with
advanced 3D features Increase
speed and efficiency with
subassemblies Use multibody
models to their full potential
What's on the CD-ROM? The CD

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includes all the parts, assemblies, drawings, and examples you need to follow the tutorials in each chapter. You'll also find finished models, templates, and more. See the CD appendix for details and

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complete system requirements
The SOLIDWORKS 2018
Reference Guide is a
comprehensive reference book
written to assist the beginner to
intermediate user of
SOLIDWORKS 2018.

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SOLIDWORKS is an immense software package, and no one book can cover all topics for all users. This book provides a centralized reference location to address many of the tools, features and techniques of

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SOLIDWORKS 2018. This book covers the following: System and Document properties Feature Managers Property Managers Configuration Managers Render Managers 2D and 3D Sketch tools Sketch entities 3D Feature

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toolsMotion StudySheet
MetalMotion StudySOLIDWORKS
SimulationPhotoView 360Pack
and Go3D PDFsIntelligent
Modeling techniques3D printing
terminology and more Chapter
1 provides a basic overview of

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the concepts and terminology used throughout this book using SOLIDWORKS 2018 software. If you are completely new to SOLIDWORKS, you should read Chapter 1 in detail and complete Lesson 1, Lesson 2

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and Lesson 3 in the
SOLIDWORKS Tutorials. If you
are familiar with an earlier
release of SOLIDWORKS, you
still might want to skim Chapter
1 to become acquainted with
some of the commands, menus

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and features that you have not used; or you can simply jump to any section in any chapter. Each chapter provides detailed PropertyManager information on key topics with individual stand-alone short tutorials to reinforce

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and demonstrate the functionality and ease of the SOLIDWORKS tool or feature. The book provides access to over 250 models, their solutions and additional support materials. Learn by doing, not

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just by reading. Formulate the skills to create, modify and edit sketches and solid features.

Learn the techniques to reuse features, parts and assemblies through symmetry, patterns, copied components, design

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tables, configurations and more. The book is designed to complement the Online Tutorials and Online Help contained in SOLIDWORKS 2018. The goal is to illustrate how multiple design situations

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and systematic steps combine to produce successful designs. The author developed the tutorials by combining his own industry experience with the knowledge of engineers, department managers,

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professors, vendors and
manufacturers. He is directly
involved with SOLIDWORKS
every day and his
responsibilities go far beyond
the creation of just a 3D model.
Certified SOLIDWORKS

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Professional Advanced
Preparation Material (2022)

Beginner's Guide to
SOLIDWORKS 2020 - Level II
How to Form and Shape Sheet
Metal for Competition, Custom

Where To Download Solidworks Sheet Metal And Weldments Training Course and Restoration Use

SOLIDWORKS 2018 Learn by
Doing

Learn by Doing

SOLIDWORKS 2017 Learn by
doing introduces new users to
mechanical design using

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SOLIDWORKS and how it can be used to create a variety of models. In fourteen tutorial based chapters, author guides you through all the necessary commands and options in SOLIDWORKS 2017, from sketching to parametric modeling

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and finally ending with rendering.
The commands are presented one
step at a time using simple examples.
The approach used in this book helps
you to become a skilled
SOLIDWORKS user.
SOLIDWORKS 2017 Learn by

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doing begins with introduction basic modeling. The later chapters focus on additional modeling, top-down assemblies, sheet metal modeling, drafting, surface modeling, mold tools, weldments, DimXpert, and rendering. Table of Contents 1.

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Getting Started 2. Modeling Basics 3.
Assembly Basics 4. Creating
Drawings 5. Sketching 6. Additional
Modeling Tools 7. Sheet metal
Modeling 8. Top-Down Assembly 9.
Dimensions and Annotations 10.
Surface Design 11. Mold Tools 12.

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Weldments 13. DimXpert 14.
Appearances and Rendering
The CSWPA is a set of exams
designed to demonstrate your
advanced abilities in five distinct
areas of SOLIDWORKS. By passing
the CSWPA exams you prove to

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potential employers that you have an advanced skill set within SOLIDWORKS, and you become more desirable in the job market. Certified SOLIDWORKS Professional Advanced Preparation Material is intended for the

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SOLIDWORKS user who has already passed the CSWP exam, and is ready to advance to the next level. This book covers the five CSWPA examinations: Sheet Metal, Weldments, Surfacing, Mold Tools, and Drawing Tools. The lessons in

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this book were created based on the actual CSWPA examinations. Each of these projects has been broken down and developed into easy and comprehensible steps for the reader. Every challenge is explained very clearly in short chapters, ranging

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from 30 to 50 pages. Each step comes with a screen shot to help you understand the main concept of each design more easily. Learn the CSWP Advanced Preparation Materials at your own pace, as you progress from Parts, Assemblies, Drawings and

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then to more complex design challenges. To get the most out of this CSWPA-Certification Preparation book it is strongly recommended that you have studied and completed all the lessons in the Basic Tools, Intermediate Skills and

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Advanced Techniques books. It is also a great resource for the more CAD literate individuals who want to expand their knowledge of the different features that SOLIDWORKS 2022 has to offer. This book is a great resource to

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prepare for and pass the CSWPA exams which will prove your expertise and further your career. After completing at least four of the five CSWPA exams you will become eligible to try for the highest level SOLIDWORKS certification, the

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Certified SOLIDWORKS Expert.

SolidWorks 2006 Beginner's Guide to

SOLIDWORKS 2020 - Level II SDC

Publications

Beginner's Guide to

SOLIDWORKS 2022 - Level II

starts where Beginner's Guide -

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Level I ends, following the same easy to read style and companion video instruction, but this time covering advanced topics and techniques. The purpose of this book is to teach advanced techniques including sheet metal, surfacing, how to create

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components in the context of an assembly and reference other components (Top-down design), propagate design changes with SOLIDWORKS' parametric capabilities, mold design, welded structures and more while explaining

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the basic concepts of each trade to allow you to understand the how and why of each operation. The author uses simple examples to allow you to better understand each command and environment, as well as to make it easier to explain the purpose of

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each step, maximizing the learning time by focusing on one task at a time. This book is focused on the processes to complete the modeling of a part, instead of focusing on individual software commands or operations, which are generally

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simple enough to learn. At the end of this book, you will have acquired enough skills to be highly competitive when it comes to designing with SOLIDWORKS, and while there are many less frequently used commands and options

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available that will not be covered in this book, rest assured that those covered are most of the commands used every day by SOLIDWORKS designers. The author strived hard to include many of the commands required in the Certified

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SOLIDWORKS Professional

Advanced and Expert exams as listed on the SOLIDWORKS website.

Includes Video Instruction Each copy of this book includes access to video instruction. In these videos the author provides a clear presentation

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of tutorials found in the book. The videos reinforce the steps described in the book by allowing you to watch the exact steps the author uses to complete the exercises while he provides additional details along the way. Captioned versions of these

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videos are also available for customers who want or need video captions.

Certified SOLIDWORKS
Professional Advanced Preparation
Material (SOLIDWORKS 2020)
SOLIDWORKS 2019 Learn by

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Doing

SOLIDWORKS 2020 Learn by

Doing

Part, Assembly, Drawings, Sheet
Metal, Surface Design, Mold Tools,
Weldments, DimXpert, and
Rendering

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SOLIDWORKS 2021 Advanced
Techniques

SolidWorks 2006

*The CSWPA is a set of exams
designed to demonstrate your
advanced abilities in five distinct
areas of SOLIDWORKS. By passing*

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*the CSWPA exams you prove to
potential employers that you have
an advanced skill set within
SOLIDWORKS, and you become
more desirable in the job market.*

Certified SOLIDWORKS

Professional Advanced Preparation

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*Material is intended for the
SOLIDWORKS user who has
already passed the CSWP exam, and
is ready to advance to the next level.
This book covers the five CSWPA
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Weldments, Surfacing, Mold Tools,*

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and Drawing Tools. The lessons in this book were created based on the actual CSWPA examinations. Each of these projects has been broken down and developed into easy and comprehensible steps for the reader. Every challenge is explained very

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*from Parts, Assemblies, Drawings
and then to more complex design
challenges. To get the most out of
this CSWPA-Certification
Preparation book it is strongly
recommended that you have studied
and completed all the lessons in the*

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Basic Tools, Intermediate Skills and Advanced Techniques books. It is also a great resource for the more CAD literate individuals who want to expand their knowledge of the different features that **SOLIDWORKS 2021** has to offer.

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This book is a great resource to prepare for and pass the CSWPA exams which will prove your expertise and further your career. After completing at least four of the five CSWPA exams you will become eligible to try for the highest level

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*SOLIDWORKS certification, the
Certified SOLIDWORKS Expert.*

*Table of Contents 1. Drawing Tools
2. Mold Tools 3. Weldments 4. Sheet
Metal 5. Surfacing Glossary Index
SOLIDWORKS Quick-Guide*

A comprehensive e-book package

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for SolidWorks users SolidWorks is a powerful 3D solid modeler used in computer-aided design (CAD).

Popular for its drag-and-drop, point-and-click, and cut-and-paste functions, SolidWorks is complex, and the detail found in these two

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comprehensive guides gives new users everything they need to become productive with the program. This e-book set features in-depth instruction and complete tutorials on parts (making part models and drawings of those parts)

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*and assemblies (building assemblies
and creating assembly drawings).*

*Together they provide the
knowledge you need to get up and
running with SolidWorks 2011.*

*SolidWorks 2011 is a complex 3D
solid modeling program; the two in-*

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depth guides in this e-book set cover making parts models and building assemblies, as well as creating drawings of both Set includes complete e-book versions of SolidWorks 2011 Parts Bible and SolidWorks 2011 Assemblies Bible

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Written by a veteran manufacturing engineer and consultant who does SolidWorks training, maintains a SolidWorks blog, and is known as the go-to guy for information about the software Covers both the "how" and "why" of SolidWorks, with

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extensive detail that will take you from novice to confident SolidWorks user SolidWorks 2011 Parts & Assemblies Set provides a comprehensive education in using this popular 3D solid modeling program. SolidWorks 2011 Parts &

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Assemblies Set provides a comprehensive education in using this popular 3D solid modeling program.

SOLIDWORKS 2019 Learn by doing introduces new users to mechanical design using SOLIDWORKS and

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how it can be used to create a variety of models. In fourteen tutorial-based chapters, author guides you through all the necessary commands and options in SOLIDWORKS 2019, from sketching to parametric modeling

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and finally ending with rendering.

*The commands are presented one
step at a time using simple*

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SOLIDWORKS user.SOLIDWORKS

2019 Learn by doing begins with

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introduction basic modeling. The later chapters focus on additional modeling, top-down assemblies, sheet metal modeling, drafting, surface modeling, mold tools, weldments, MBD Dimensions, and rendering.

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*Beginner's Guide to SOLIDWORKS
2020 – Level II starts where
Beginner's Guide – Level I ends,
following the same easy to read style
and companion videoinstruction, but
this time covering advanced topics
and techniques. The purpose of this*

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book is to teach advanced techniques including sheet metal, surfacing, how to create components in the context of an assembly and reference other components (Top-down design), propagate design changes with SOLIDWORKS'

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parametric capabilities, mold design, welded structures and more while explaining the basic concepts of each trade to allow you to understand the how and why of each operation. The author uses simple examples to allow you to better

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understand each command and environment, as well as to make it easier to explain the purpose of each step, maximizing the learning time by focusing on one task at a time. This book is focused on the processes to complete the modeling

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of a part, instead of focusing on individual software commands or operations, which are generally simple enough to learn. At the end of this book, you will have acquired enough skills to be highly competitive when it comes to

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designing with SOLIDWORKS, and while there are many less frequently used commands and options available that will not be covered in this book, rest assured that those covered are most of the commands used every day by SOLIDWORKS

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designers. The author strived hard to include many of the commands required in the Certified SOLIDWORKS Professional Advanced and Expert exams as listed on the SOLIDWORKS website.

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Sheet Metal and Weldments

*SOLIDWORKS 2020 Advanced
Techniques*

SolidWorks 2010 Bible

*Beginner's Guide to SOLIDWORKS
2021 - Level I*

No Experience Required

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Certified SOLIDWORKS

Professional Advanced Preparation

Material (SOLIDWORKS 2018)

- The perfect follow up
to SOLIDWORKS

- Intermediate Skills •

- Uses a step by step

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tutorial approach with
real world projects •

Comprehensive coverage
of advanced SOLIDWORKS
tools and techniques •

Covers parts, surfaces,
SimulationXpress, sheet

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metal, top-down
assemblies and core and
cavity molds • Features
a quick reference guide
and a Certified
SOLIDWORKS Professional
practice exam SOLIDWORKS

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2020 Advanced Techniques
picks up where
SOLIDWORKS 2020
Intermediate Skills
leaves off. Its aim is
to take you from an
intermediate user with a

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basic understanding of
SOLIDWORKS and modeling
techniques to an
advanced user capable of
creating complex models
and able to use the
advanced tools provided

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by SOLIDWORKS. The text covers parts, surfaces, SimulationXpress, sheet metal, top-down assemblies and core and cavity molds. Every lesson and exercise in

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this book was created based on real world projects. Each of these projects has been broken down and developed into easy and comprehensible steps. Furthermore, at

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the end of every chapter
there are self test
questionnaires to ensure
that you have gained
sufficient knowledge
from each section before
moving on to more

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advanced lessons. This book takes the approach that in order to understand SOLIDWORKS, inside and out, you should create everything from the beginning and

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take it step by step.

Drawing and Detailing
with SolidWorks 2014 is
written to educate and
assist students,
designers, engineers,
and professionals in the

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drawing and detailing
tools of SolidWorks.
Explore the learning
process through a series
of design situations,
industry scenarios,
projects, and objectives

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target towards the beginning to intermediate SolidWorks user. Work through numerous activities to create multiple-view, multiple-sheet, detailed

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drawings, and assembly drawings. Develop Drawing templates, Sheet formats, and Custom Properties. Construct drawings that incorporate part

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configurations, assembly configurations, and design tables with equations. Manipulate annotations in parts, drawings, assemblies, Revision tables, Bills

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of Materials and more.

Apply your drawing and detailing knowledge to over thirty exercises.

The exercises test your usage competency as well as explore additional

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topics with industry examples. Advanced exercises require the ability to create parts and assemblies.

SolidWorks 2015 Learn by Doing (Part, Assembly,

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Drawings, Sheet Metal,
Surface Design, Mold
Tools, Weldments,
DimXpert, and Rendering)
Beginner's Guide to
SOLIDWORKS 2022 - Level
II

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Beginner's Guide to
SOLIDWORKS 2018 - Level
I
Drawing and Detailing
With Solidworks 2012