

WORLD
CLASS

CAPABLE

PREDICTABLE

MANAGED

STRUCTURED

CLIMBING

THE MOUNTAIN

120 EXERCISES
AND ANSWERS FOR
LEAN SIX SIGMA
GREEN BELT AND
BLACK BELT TRAINING

EXERCISES

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cimm™



120 exercises and answers for Lean Six Sigma Green Belt and Black Belt training

Manufacturing and Services

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The structure of this books is based on the LSSA® Syllabus (rev.2.0, 2014) and the Continuous Improvement Maturity Model - CIMM. You have the permission to share and distribute this model in its original form by referencing the publisher and author, (LSSA®, Theisens et. al., 2014).

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How to use this book

There are many excellent books about the Lean Six Sigma theory. However you cannot learn how to apply Lean Six Sigma by only reading books. You need to learn by doing and practicing. This exercise book is a valuable addition in Lean Six Sigma training events. Even experienced Lean Six Sigma Green and Black Belts can use this exercise book to improve their Lean Six Sigma skills.

The exercises in this book are based on the 'Continuous Improvement Maturity Model' (CIMM). This is a framework that guides an evolutionary stage approach for process improvement from a very early stage through to delivering World Class products and services. CIMM is a coherent and innovative framework that connects Lean, Six Sigma and other improvement methods. The framework incorporates the best practices methods and techniques of process improvement, quality management and new product development. CIMM is an open standard and is maintained by the 'Lean Six Sigma Academy' (LSSA). For additional information see the book 'Climbing The Mountain', (Theisens, 2014).

The structure of this exercise book is based on the Lean Six Sigma Academy Syllabi for 'Green Belt' and 'Black Belt', (LSSA, 2014). For most of the competences and techniques defined in these syllabi the exercise book will provide exercises. However, a few Black Belt tools are out of the scope of this book or are too comprehensive. We advise you to register this book at www.lssa.eu. After registering you will be able to download additional examples, templates and the data files that have been used to perform the statistical analyses and graphs.

This book contains exercises for different fields of expertise in both manufacturing and services. As of page 311 you can find an index which exercises apply for your field of expertise.

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