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The Certified Quality Engineer Handbook, Third Edition

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Synopsis

This third edition provides the quality professional with an updated resource that exactly follows ASQ’s Certified Quality Engineer (CQE) Body of Knowledge. Today it is not uncommon for the quality engineer to be involved in quality improvement activities in healthcare, finance, education, software applications, and other non-manufacturing sectors. In response, numerous new examples and illustrations that cover applications in some of these areas have been added. Key features of the third edition include: New and updated references Extensive revision of the statistical methods, complete with numerous updated examples and illustrations Over 75 new glossary entries This handbook can be used in preparation for the CQE exam or as a reference text for professional development. When a complete description or discussion of a topic is beyond the scope of the handbook, useful references have been included for further reading. Quality engineers will find this book to be an indispensable addition to their libraries.

Book Information

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Customer Reviews

I decided to take the ASQ CQE exam in order to improve my prospects of finding a new Quality Assurance position. There were many areas of quality that I knew very well due to my previous job responsibilities, however there were a few areas I knew needed some attention. This book was very helpful in both preparing me for the exam, and serving as a reference during the test. It is presented in such a way that follows the Body of Knowledge, chapter by chapter. I was expecting the test to be very difficult, but was able to pass on my first attempt. The book would also serve as a fine reference while on the job as well.
I passed my ASQ CQE & this book helped quite a bit! I’d purchased the CQI Primer first though it didn’t have an index, so I bought this book also since it did (which was extremely helpful during the exam!!!). It also made for a valuable 2nd reference with a different take on the same info. What I liked about this book was that it was more thorough & more like a textbook then the Primer. Knowing what I know now, I would’ve purchased this book alone for the CQE exam.

I bought this book as a companion piece to the Certified Quality Engineer Primer purchased from the Quality Council of Indiana. Compared to the the CQE Primer the handbook goes into a lot more detail for each section of the Body of Knowledge. The only problem the book was published in 2008 so some of the reference standards (i.e. ANSI/ASQ Z1.4-2003) are out of date. The book comes with a CD that has on it 138 question QCE Practice Exam. The Practice exam is multiple choice like the Actual CQE exam however, the choice of “None of the Above” or “All of the Above” is rarely if ever one of the choices on the Actual CQE Exam (I have taken the Exam). Also I felt that some of the Answer are wrong (the Practice exam comes with an Answer Key). If you are a Quality Engineer it is a good book to have on your desk at work and if studied can help you pass the QCE exam. However I would have to suggest The Certified Quality Engineer Exam CD purchased from the Quality Council of Indiana. (it is available through the American Society for Quality website)

Well I passed the exam, the book helped a lot. More detailed information is required for this course but the book explains all the essential concepts.

I used this for my main book on the CQE exam. It had almost all the information you need for the test, BUT if you don’t have a warm fuzzy about every part of the book you will need to do more studying for the exam. Be sure to use book marks and label where the index, glossary and table of contents are. Also, be sure to mark important charts like the “Cost of Quality” and every 50 pages or so to divide the book up.

If you buy this book for reference you will loose your investment because it is quite elevated, technically speaking. On the contrary, if you get it to study, serious study, is excellent. I am using it as reference for the Quality Engineer Academy I teach.

The text is very informative and easy to read. Sections are arranged so anyone that anyone from a
novice QE to a seasoned "lifer" can easily access pertinent information. Not only a good training tool, it also makes a great reference manual.

This will be the second time I take the ASQ CQE exam (have to renew every 3 years, cheaper to take the exam then earn credits). Last time, I borrowed a book, this time I figured I would buy it for myself. All in all, a great purchasing experience. As for the book, meh. I think that there is a lot to be desired for organization of the content as well as better/simpler explanations for the statistical portions. It seems that the authors throw equations at the reader with no real regard for actually explaining all of the variables/terms and just expect the reader to know and understand them. I'm not a statistician by training and do not use most of the statistical processes in my daily life, so trying to refresh my memory every 3 years is difficult. If it wasn't for having to renew my certification every 3 years, I would not have purchased this book. Again, the seller was great and no issues with that aspect. My complaints are geared solely towards the contents of the book.

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