



CQE EXAM

ONLINE RESOURCE

G U I D E

A 100% totally free guide
to help you study for the
ASQ CQE Exam!

ANDY ROBERTSON

Hey there!!!

My Name is Andy Robertson and I'm excited to have you join the CQE Academy Community!

You likely found this E-Book after joining the CQE Academy Email Newsletter and I'm excited to add value to your life.

If someone sent you this E- book and you're interested in joining the free newsletter, you can [Sign Up Here](#).

Either way, congratulations on taking action toward becoming a CQE.

I love working with people who are passionate about continuous self-improvement, which is what becoming a CQE is all about.

About This E-Book

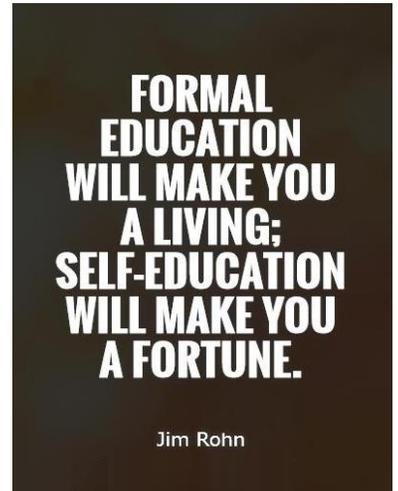
What you have here is the most value-packed resource to help start the journey to become a CQE.

First, I share my **Top 4 Tips** to help you get started preparing for the CQE Exam.

Then, I'll share my **Top 4 Resources** to help you pass the exam!

Before we jump into the content, if you want to join a community of like-minded people then check out [the CQE Academy Group on LinkedIn](#) where I share exclusive content!

Let's Get Started with my Top 4 Tips to get started on the CQE Journey.



Tip #1 – Do a Gap Analysis of your Current Knowledge

When I started this journey to become a CQE I had no idea how much studying I needed to do to get certified.

In fact, **I didn't even know what topics I needed to know to become certified.**

This is called a knowledge gap.

A gap existed between the knowledge I had and what I needed to know to pass the exam (and grow my career).



And I had to determine how big that gap was, so I could plan to fill that gap!

So, Tip #1 is to perform a gap analysis and find out what you don't know.

The best place to start is with the [CQE Body of Knowledge](#).

It'll take about 10 minutes to scan over the body of knowledge, where there are 7 major pillars:

1. Management and Leadership
2. The Quality System
3. Product and Process Design
4. Product and Process Control
5. Continuous Improvement
6. Quantitative Methods and Tools (Statistics)
7. Risk Management

Look at the individual topics and think about where you're strong and weak.

And remember, this gap analysis is dynamic.

In Step 2 we are going to take some practice exams which will give you feedback on your true knowledge gaps.

Then, along your journey you should watch out for topics where you are weak!

Tip #2 – Take A Practice Exam

It's time to "validate" the gap analysis you just performed.

There's an easy way to do this - **take a Practice Exam!**

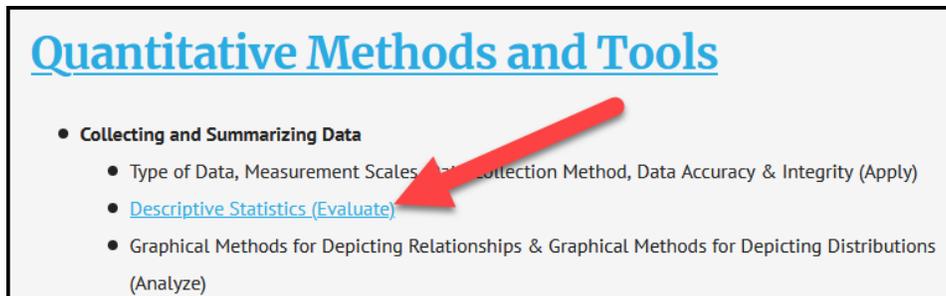
This an objective method to validate how much you do or don't know about a particular topic.

Here's a free practice exam to get you started:

[40 Questions from the Top 10 Topics on The CQE Exam](#)

I also have a bunch of free practice exam questions on CQEAcademy.com.

[Start here](#), then scroll down and click on any subject topic, [Descriptive Statistics](#) for example.



Once on those topic pages, you'll find free content, videos, and most important practice quizzes!

One near the top called "The Easy Quiz" and one at the bottom called "The Final Quiz".

Over the new few days and weeks, I'll be emailing even more free practice quizzes, so stay on the lookout!

Take those practice exams to refine and validate your knowledge gap!!

If You
Don't Practice
You Don't
Deserve To Win.
-Andre Agassi

Tip #3 – Create a Study Plan and Get Started

Now that you've identified all of your knowledge gaps, it's time to create a study plan to start closing those gaps!

Let me help you with this, by sharing my own study plan.

Here's a [YouTube video where I explain how to create a plan](#).

And that video shares 4 tips to create a great study plan!

- Get the Study Order Right
- Commit to 30 Minutes a Day
- Break down the Body of Knowledge into Daily Goals
- Customize the plan based on Strengths and Weaknesses



And here is my personal plan that you can benchmark off of: [The 26 Week Study Plan](#).

Week	Topic	Weeks	Exam Questions
Week 1 - 7	Quantitative Methods & Tools	7	36
Week 8 - 11	Continuous Improvement	4	27
Week 12 - 15	Product & Process Design	4	23
Week 16 - 19	Product & Process Control	4	25
Week 20 - 22	Management & Leadership	3	18
Week 23 - 24	The Quality System	2	16
Week 25 - 26	Risk Management	2	15

Create that daily plan and hold yourself accountable to it!!

Tip #4 – Develop a Daily Study Habit

Now that you have a plan, it's time to work that plan.

To explain this tip, let me use an analogy.

Let's say you wanted to run a marathon.

Would you wait until the day before the race to start practicing? Of course you wouldn't!

Because your muscles and endurance grow over time, and our minds work the same way.

To pass the CQE Exam, you have to study every single day to truly grow and learn.

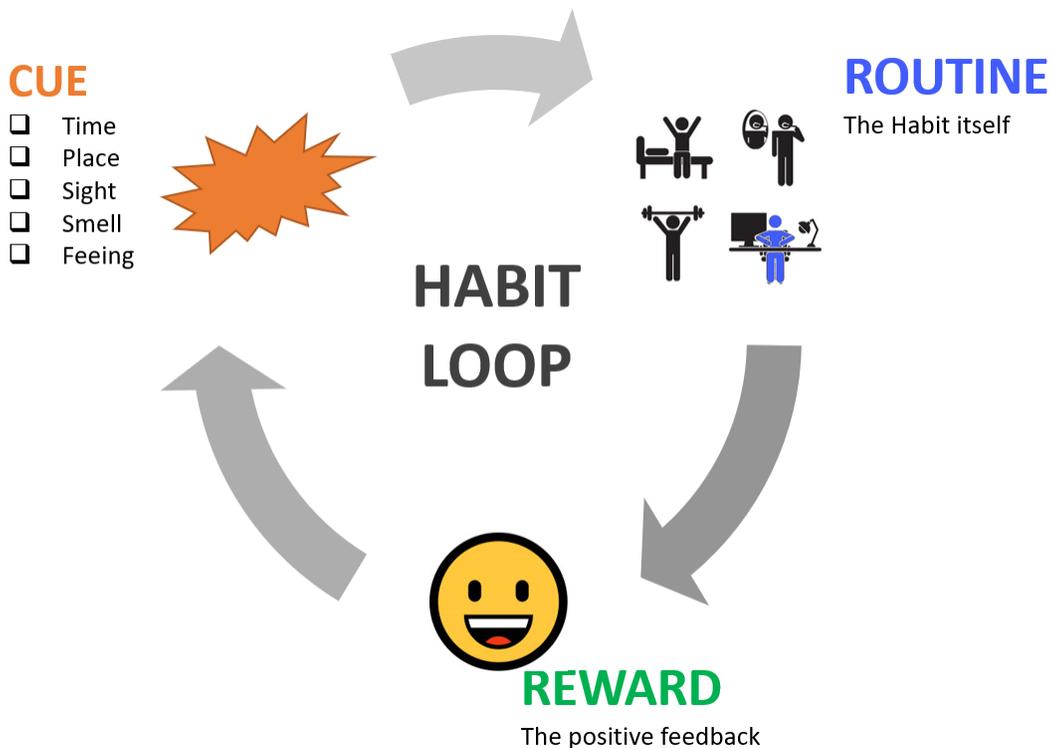
But it can take a lot of work and effort to find time every single day.

Which is why I recommend that you create a daily study habit.

Habits are phenomenal. You could almost describe them as miraculous because once you form a habit, it becomes an almost unstoppable force (for good or evil).

The best thing I ever did to both pass the CQE Exam, and grow my career in general, was to create a daily study habit.

To create a new habit, you have to focus on the HABIT LOOP. Because a habit is fundamentally 3 things: **A cue, a routine, and a reward.**



Successful people are simply those with successful habits.

-Brian Tracy

Diving into the Habit Loop

The **cue** can be almost anything. A sight or smell. A place or time. An emotion.

For my personal study habit, the cue is getting out of bed in the morning, getting my coffee and sitting down at my computer.

The **routine** is the studying.

There are good study routines and bad study routines, but that's a whole separate discussion.

Needless to say, once you experience that cue, you should go through your routine.

Then there is the **reward**.

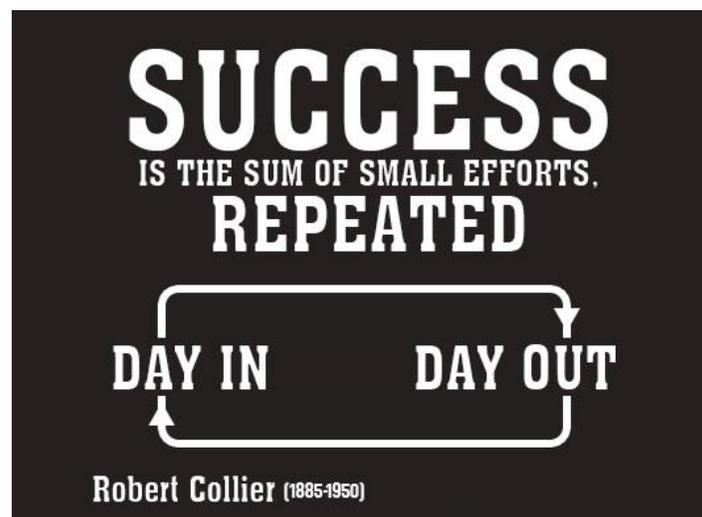
This is the reward that your brain gets as a result of completing the routine. The reward is important because it fuels the habit loop!

In my own life, my daily study habit looks like this:

Cue: Waking up in the morning at 5am, and the smell of morning coffee.

Routine: I watch videos, read, take practice quizzes and work practice quizzes.

Reward: passing the CQE Exam, growing my career and feeling confident at work.



Now that you have a plan, and a daily study habit to accomplish that goal. . . .

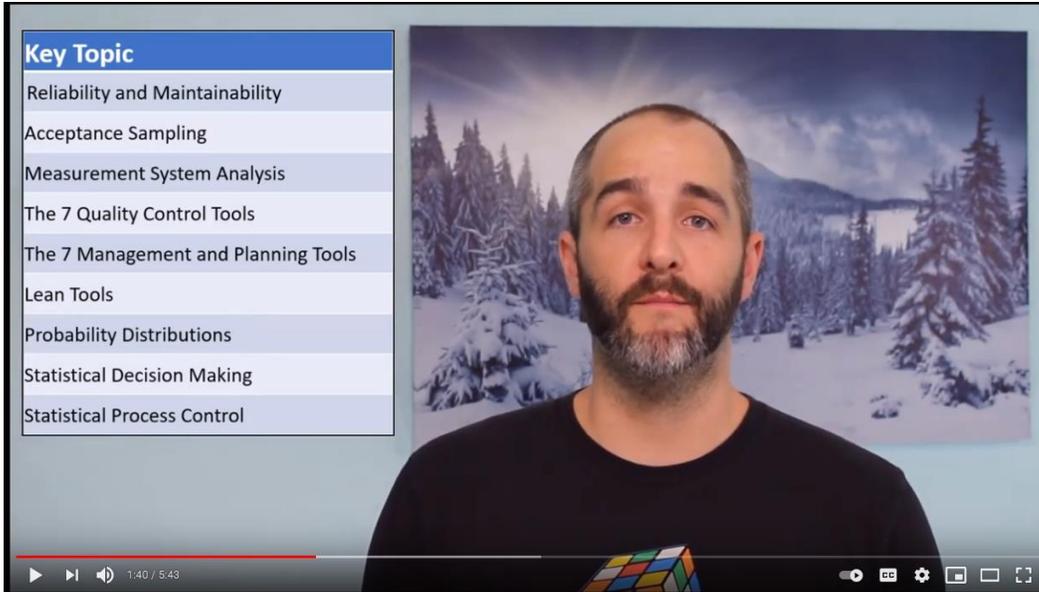
Let's talk about WHAT to study.

Free Resource #1 – The Top 10 Topics on the CQE Exam

There are a handful of topics on the CQE Exam that are more important than other topics. It's the classic 80/20 rule.

We can take that 80/20 mindset even deeper by looking at the most important concepts within those most important topics on the exam!

In fact, I made [a YouTube video](#) about this concept, and these 10 topics.



Then, I created [a free online course](#) to cover the most important concepts, within the most important topics on the CQE Exam!

Check that out, sign up for free, and get started learning today!



Free Resource #2 – YouTube

I love video. It's my favorite teaching platform because so much more information can be conveyed over video than in text or audio.

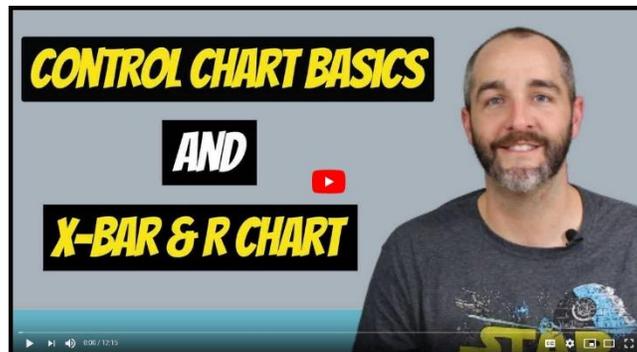
And my goal is to publish a new video each week so I recommend you [Subscribe to the channel](#) to get those new weekly videos!

In the meantime, check out some of these fan favorites!

[PROCESS CAPABILITY: Explaining Cp, Cpk, Pp, Ppk and HOW TO INTERPRET THOSE RESULTS](#)



[CONTROL CHART BASICS and the X-BAR AND R CHART +++++ EXAMPLE](#)



[The 5 Biggest Mistakes Made When Preparing for the CQE Exam](#)



Free Resource #3 – CQE Academy

Yes, I do think my own stuff deserves a shoutout!!!!

Check out my competitors' websites to see how much free material they have. I promise you'll be disappointed.

To see all of my free training material, just start here on the [Body of Knowledge page](#), where I've linked all of the available training content.

You'll find a ton of free, comprehensive training like:

[Lean Tools](#)

[Descriptive Statistics](#)

[Six Sigma](#)

[Probability](#)

[The 7 QC Tools](#)

[Acceptance Sampling](#)

[Point Estimate and Confidence Intervals](#)

[Material Control](#)

[Technical Drawings \(GD&T\)](#)

[Design Inputs and Design Optimization](#)

[The Cost of Quality](#)

[Supplier Management](#)

[Statistical Process Control](#)

Remember, each of those pages also comes with 2 free practice exams!!!

The easy one at the top to get you started, and the hard one at the bottom to mimic the exam.

Free Resource #4 – Bonus Resources

The hardest part of the CQE Exam is Statistics. Hands down, no question.

And of course, you'll find a ton of free training material on CQE Academy for statistics, I wanted to provide another solid Statistics resource:

[Introduction to Statistics by David M. Lane](#)

Here you'll find a thorough and easy to follow guide to many of the statistics topics within the CQE Exam, including:

2. Graphing Distributions	65
Graphing Qualitative Variables.....	66
Graphing Quantitative Variables	75
5. Probability	185
Remarks on the Concept of “Probability”	186
Basic Concepts.....	189
14. Regression	461
Introduction to Linear Regression.....	462
Partitioning the Sums of Squares	468
Standard Error of the Estimate.....	473
1. Logic of Hypothesis Testing	369
Introduction.....	370
Significance Testing.....	375
Type I and II Errors	377
15. Analysis of Variance	515
Introduction.....	516
Analysis of Variance Designs.....	518
Between- and Within-Subjects Factors	519
10. Estimation	328
Introduction to Estimation	329
Degrees of Freedom	330
Confidence Intervals.....	336

The Paid Option to Fill in The Gaps

Let's be honest, these free resources are fantastic, but they aren't enough to get you certified.

So, I want to introduce you to my online course, [Become a CQE in 6 Months](#).

My goal with this course is to get you certified as quickly, and as painlessly as possible.

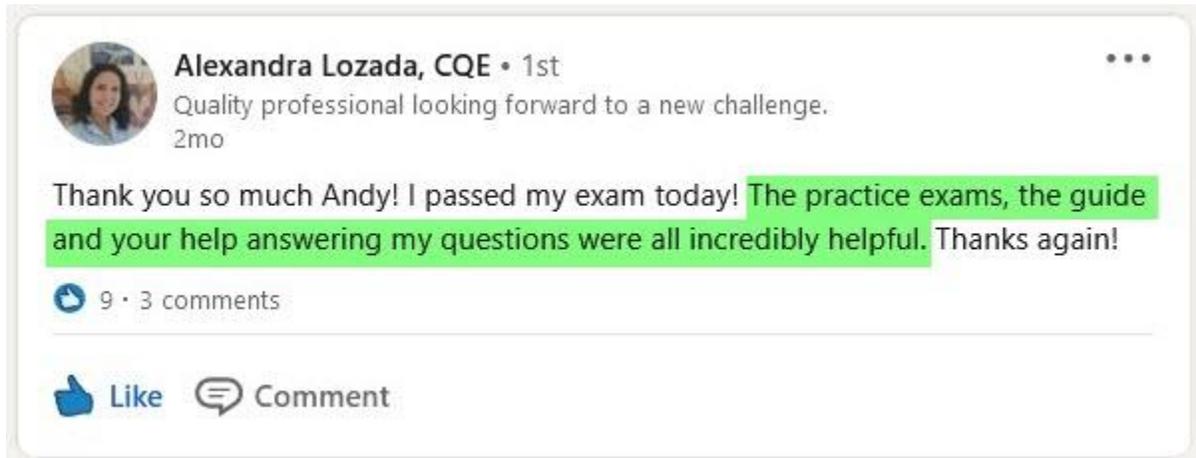
To get you certified quickly, I incorporated all of the most effective learning techniques that Cognitive Researchers have studied.

For example, I broke down the entire CQE Body of Knowledge into small, daily chunks of study material.

Then, in every daily lecture I include a 15-question practice quiz to make sure you're getting in some "active recall" to practice what you just learned.

I also mix in questions from previous lectures to take advantage of spaced repetition and mixed practice.

This course really does work! Here's some feedback from one of my students:



Remember, you get immediate access to the entire course on Day 1, along with lifetime access, including access to all future updates!

Also, if you buy the course and you don't absolutely love it, I offer a 30-day no questions asked money back guarantee. That way all the risk is on me. As it should be.

If you're ready to grow your career through CQE Certification, I'd love to have you join the community and mentor you to success!

About Me!!!

Hey there!

My name's Andy Robertson and I'm the author behind this free resource guide.

I hope you've found this both valuable and enjoyable!

I did want to use this opportunity to say thank you and congratulations again.

Congrats on making it this far through the e-book and congratulations on taking the necessary steps to become a Certified Quality Engineer.

For more detailed information about me and the CQE Academy here's my [About Page on the website](#).

You can also connect with me on [LinkedIn](#) or join the [CQE Academy Community on LinkedIn](#).

Cheers & Good Luck!

Andy

Your Guide to Certification

