

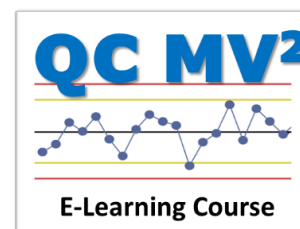
Course Announcement

The Statistical Quality Control and Method Validation/Verification eLearning course

Key Dates:

Application Deadline: 29th September 2025

Acceptance Notification: 10th October 2025



Course Overview

The Statistical Quality Control and Method Validation/Verification (QCMV²) course is designed for laboratory professionals involved in **quantitative** testing. The course covers essential concepts and practical tools for method validation, verification, and statistical quality control, with examples from biochemistry and hematology.

Course Structure

- **Part 1: Method Validation/Verification**
Dates: 4th November – 12th December 2025
- **Part 2: Statistical Quality Control**
Dates: 20th January – 20th March 2026

Delivery Format

- Online lecture recordings ([Moodle platform](#))
- Weekly live webinars (Zoom, Fridays)
- Weekly office hours (Zoom, Tuesdays)
- ECHO sessions for project presentations and peer feedback

Learning Outcomes

By the end of the course, participants will be able to:

- Select and evaluate new laboratory methods and instruments (ISO15189:2022, 7.3)
- Design robust internal quality control programs (ISO15189:2022, 7.3.7.2)
- Assess laboratory accuracy through External Quality Assessment Schemes (EQAS) (ISO15189:2022, 7.3.7.3)

Target Audience

- Laboratory directors, managers, supervisors, QC officers
- Senior laboratory staff involved in quantitative testing
- Quality managers, project managers, mentors implementing QMS
- Auditors and assessors with a technical background in clinical pathology.

Course Requirements

To earn a certificate, participants must:

- Submit weekly homework on time
- Attend all live online sessions punctually
- Participate in ECHO sessions
- Complete weekly post-webinar evaluations
- Achieve a passing grade of 75% or higher on the post-test

Note: Participants who fail to meet these requirements may be dismissed after three offences.

Application & Nomination

- Nominate up to three candidates and rank them in order of priority.
- Provide a clear rationale for each nominee's selection and ranking in the nomination table. Nominations without justification will not be considered.
- Submit a complete application package by the deadline, including the nomination table and support letters from each candidate's employer.
- Each nominee must submit their own online application form ([link](#)) before the deadline.

Eligibility

Do not apply if:

- You have previously attended the QCMV course
- You work exclusively on qualitative or semi-qualitative methods
- You do not have access to statistical QC and method validation/verification data

Support Letters

Support letters must confirm:

- The candidate will have time and resources (laptop, internet) to attend sessions and complete assignments
- Permission to participate during service hours

Course Schedules

In addition to attending office hours and live webinars, participants are expected to spend 3 to 6 hours each week watching lecture videos and completing homework assignments. All homework must be submitted by 15:00 Eastern Africa Time (EAT) on Wednesdays.

Part 1 – Method Validation/Verification (2025)			
Week	Office Hour (Tuesday) 14:00 – 15:00 EAT	Webinar (Friday) 14:00 – 16:00 EAT	Note
0			Pre-test due on 31 st October
1	4 th November	7 th November	
2	11 th November	14 th November	
3	18 th November	21 st November	
4	25 th November	28 th November	
-			Improvement project planning
5	9 th December*	12 th December*	*ECHO Sessions (14:00 – 16:00 EAT)
Part 2 –Statistical Quality Control (2026)			
1	20 th January	23 rd January	
2	27 th January	30 th January	
3	3 rd February	6 th February	
4	10 th February	13 th February	
5	17 th February	20 th February	
6	24 th February	27 th February	
7	3 rd March	6 th March	
8		13 th March*	*ECHO Sessions (14:00 – 16:00 EAT) Post-test due on 13 th March
9	17 th March*	20 th March**	**Graduation Ceremony

TO CDC LABORATORY ADVISORS

In PEPFAR-supported countries or regions, candidates must submit their applications through the CDC laboratory advisors. The lab advisors will coordinate the nominations in collaboration with their Ministry of Health counterparts. Submit a complete application package, which includes the completed nomination table (see below) and support letters. Each candidate must also submit their own application form ([link](#)). Please ensure that all nominees complete their online application before the deadline.

Nomination Table			
Order of Priority	Candidate Name	Support Letter from Employer Attached?	Rationale for the nomination and ranking
1		Y / N	
2		Y / N	
3		Y / N	

TO THE CANDIDATES

You must submit your online application using the [link](#). The application form below is provided for your reference only, so you know what questions are asked.

Do not submit the form below. Use the online form for your application once you have been nominated.

Title: __ Dr. __ Mr. __ Mrs. __ Ms.	
Surname (Family Name):	
Given Names:	
Address:	
Country:	
Mobile Number:	WhatsApp Number:
Email:	Alternate Email:
Employer: (Including the laboratory/site where you work)	Job Title:

1. What is your technical qualification? Select all that applies.
<input type="checkbox"/> Biochemistry/Clinical Chemistry <input type="checkbox"/> Hematology <input type="checkbox"/> Microbiology <input type="checkbox"/> Virology <input type="checkbox"/> Serology/Immunology <input type="checkbox"/> Blood Banking <input type="checkbox"/> Others (specify): _____
2. What is your job description in your organization?
<input type="checkbox"/> Laboratory Director/Manager <input type="checkbox"/> Medical Technologist <input type="checkbox"/> Medical Scientist <input type="checkbox"/> Medical Technician <input type="checkbox"/> Mentor <input type="checkbox"/> Others (specify): _____
3. Do you have access to SQC and Method Validation/Verification data in a laboratory?
<input type="checkbox"/> Yes <input type="checkbox"/> No (You are not eligible to apply to this course. Please exit and do not submit an application.)
4. Is this laboratory accredited?
<input type="checkbox"/> Yes <input type="checkbox"/> No
5. What scope of tests does this laboratory provide? Select all that applies.
<input type="checkbox"/> Biochemistry/Clinical Chemistry <input type="checkbox"/> Hematology <input type="checkbox"/> CD4

- ☐ Serology
- ☐ Viral load
- ☐ Microbiology
- ☐ Others (specify): _____

6. Please select your Quality Control and Method Validation/Verification experience and training.

- ☐ Conduct QC procedures and Method verification studies
- ☐ Train staff on QC and Method validation/verification
- ☐ Mentor laboratories in QC and Method validation/verification
- ☐ <5 years experience in these subjects
- ☐ >5 years experience in these subjects
- ☐ Others (specify): _____

7. Please briefly describe how you plan to use the knowledge after this course.

Keep your responses brief, within 100 words or the space allowed.

I certify that I have read and understood the course requirements; and I will work hard to fulfill them.

_____ (sign or type your name and date)