



Statistical Process Control (SPC)

Quality & ISO Management

QGT-QMS-108 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Statistical Process Control (SPC) is an introduction that builds a solid working knowledge in Statistical Process Control (SPC). It covers the principles, the requirements of ISO 9001, ISO 19011, ISO 31000 and ASQ bodies of knowledge, and the practical methods used on site, with case studies from operations in the Gulf, Africa and worldwide. Available online, in the classroom in 60 cities, or in-house.

What participants will be able to do

- Explain the principles, terminology and scope of Statistical Process Control (SPC)
- Apply the relevant requirements of ISO 9001, ISO 19011, ISO 31000 and ASQ bodies of knowledge
- Use practical tools, checklists and calculations with confidence
- Recognise common problems, risks and root causes and choose the right corrective action
- Prepare an improvement plan for their own site or organisation

Who should attend

Designed for quality managers, auditors, engineers and process owners, new joiners and anyone who needs a solid grounding in the subject.

Course outline (5 days)

Day 1: Principles and terminology

Scope, key definitions and how Statistical Process Control (SPC) fits into daily operations

Day 2: Codes, standards and requirements

What ISO 9001, ISO 19011, ISO 31000 and ASQ bodies of knowledge require, and how to read them

Day 3: Methods, tools and calculations

Step-by-step methods, checklists and worked examples

Day 4: Operation, inspection and common problems

Typical failures, warning signs and what to do about them

Day 5: Case studies, workshop and assessment

Group exercise on real cases and a final knowledge check

What the 10-day edition adds

Day 6: Applied project, part 1 – Apply the week-one methods to a case from your organisation

Day 7: Data and digital tools – Software, spreadsheets and digital tools used in practice

Day 8: Lessons from incidents and audits – What investigations and audit findings teach

Day 9: Applied project, part 2 – Complete, test and refine your solution

Day 10: Presentations and final assessment – Present to the group and complete the final assessment

Fees (USD per participant)

Duration	Live online	Classroom	In-house
5 days	\$3,000	\$5,500	On quote
10 days	\$5,500	\$9,900	On quote

Fees include course material and certificate of completion; classroom fees include refreshments and lunch. In-house training is priced per group.

Dates and cities 2027–2030

Dates	City	Format	Duration	Fee
1–5 Mar 2027	Istanbul	Classroom	5 days	\$5,500
20 Jun – 1 Jul 2027	Jeddah	Classroom	10 days	\$9,900
5–9 Jul 2027	Rome	Classroom	5 days	\$5,500
15–26 Aug 2027	Erbil	Classroom	10 days	\$9,900
23–27 Aug 2027	Online (live)	Online (live)	5 days	\$3,000
24–28 Jan 2028	Cape Town	Classroom	5 days	\$5,500
27 Mar – 7 Apr 2028	Berlin	Classroom	10 days	\$9,900
23–27 Apr 2028	Amman	Classroom	5 days	\$5,500
21 May – 1 Jun 2028	Cairo	Classroom	10 days	\$9,900
16–20 Oct 2028	Online (live)	Online (live)	5 days	\$3,000
23–27 Apr 2029	Johannesburg	Classroom	5 days	\$5,500
9–20 Jul 2029	Frankfurt	Classroom	10 days	\$9,900
30 Jul – 3 Aug 2029	Berlin	Classroom	5 days	\$5,500
29 Oct – 9 Nov 2029	Rome	Classroom	10 days	\$9,900
19–23 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
1–5 Apr 2030	Budapest	Classroom	5 days	\$5,500
5–16 May 2030	Riyadh	Classroom	10 days	\$9,900
18–22 Aug 2030	Al Khobar	Classroom	5 days	\$5,500
23 Sep – 4 Oct 2030	Berlin	Classroom	10 days	\$9,900
4–8 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/statistical-process-control-spc/>

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