



Python Programming for Engineers Masterclass

IT, Cybersecurity & AI

QGT-ITD-177 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Python Programming for Engineers Masterclass is a senior-level masterclass on strategy and performance in Python Programming for Engineers. It covers the principles, the requirements of ISO 27001, NIST CSF, ITIL 4 and COBIT 2019, 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 Python Programming for Engineers
- Apply the relevant requirements of ISO 27001, NIST CSF, ITIL 4 and COBIT 2019
- Use practical tools, checklists and calculations with confidence
- Recognise common problems, risks and root causes and choose the right corrective action
- Build a business case and roadmap their leadership team can act on

Who should attend

Designed for IT professionals, analysts, engineers and digital transformation teams in senior and leadership roles.

Course outline (5 days)

Day 1: Strategic view of Python Programming for Engineers

Trends, regulation and what leading companies do differently

Day 2: Benchmarking and performance

KPIs, maturity models and gap analysis

Day 3: Lessons from major incidents and projects

Decision points that changed outcomes

Day 4: Leading the change

Building the business case, budget and team capability

Day 5: Masterclass forum

Expert panel, peer exchange and personal roadmap

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
26–30 Apr 2027	Lisbon	Classroom	5 days	\$5,500
24 May – 4 Jun 2027	Singapore	Classroom	10 days	\$9,900
31 May – 4 Jun 2027	Tbilisi	Classroom	5 days	\$5,500
25 Jul – 5 Aug 2027	Erbil	Classroom	10 days	\$9,900
4–8 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
17–21 Jan 2028	Nairobi	Classroom	5 days	\$5,500
27 Mar – 7 Apr 2028	Madrid	Classroom	10 days	\$9,900
10–14 Apr 2028	Baku	Classroom	5 days	\$5,500
16–27 Apr 2028	Amman	Classroom	10 days	\$9,900
5–9 Jun 2028	Online (live)	Online (live)	5 days	\$3,000
1–5 Apr 2029	Dammam	Classroom	5 days	\$5,500
23 Apr – 4 May 2029	Athens	Classroom	10 days	\$9,900
3–7 Jun 2029	Al Khobar	Classroom	5 days	\$5,500
16–27 Jul 2029	Toronto	Classroom	10 days	\$9,900
12–16 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
7–11 Jan 2030	Copenhagen	Classroom	5 days	\$5,500
25 Feb – 8 Mar 2030	Barcelona	Classroom	10 days	\$9,900
1–5 Apr 2030	Marrakech	Classroom	5 days	\$5,500
22 Apr – 3 May 2030	Prague	Classroom	10 days	\$9,900
9–13 Sep 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/python-programming-for-engineers-masterclass/>

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