COURSE BROCHURE

Unit Testing, Test Doubles & Coverage with Python

Diploma, Vocational & Skills / Software Testing & QA

One-time full-course fee

INR 1,499

Access

12 months course access

Study plan

24 suggested study hours; 12 months access

Learning format

6 self-paced written English lessons with original explanations, worked examples, answered exercises and a self-assessed capstone. Includes a protected downloadable local QA practice kit. Existing automated Course Tutor assistance is available in the LMS.

Programme overview

Design focused Python tests from a stated contract, isolate test data, use deliberate test doubles and interpret coverage and seeded defects. Six readings culminate in a local pricing-engine capstone; this is a practical foundations course rather than a complete language or testing-framework qualification. 6 self-paced written English lessons with original explanations, worked examples, answered exercises and a self-assessed capstone. Includes a protected downloadable local QA practice kit. Existing automated Course Tutor assistance is available in the LMS. Independent ZELVU practical study. No live instructor classes, recorded lecture series, individual human grading, job placement, external certification, ISTQB accreditation or examination voucher is included. Use only supplied local or explicitly authorised lab targets and fictional data. Tool installation and any required device/emulator are the learner's responsibility; paid cloud services and AI APIs are not required for the supplied exercises. These readings may also be included in the separately offered Software QA and SDET Learning Path; compare its published syllabus before buying both.

Who this is for

1. Basic Python functions, exceptions and collections. Python and an installed compatible pytest version are needed for executable pytest exercises; no paid service or cloud runner is required.
2. Use fictional data and local or explicitly authorised test systems.

Published topics and learning focus

1. Test Observable Behaviour from a Written Contract
2. Parametrize Boundaries and Invalid Inputs
3. Use Fixtures and Temporary Files Without Test Coupling
4. Choose Stubs and Mocks That Preserve the Question
5. Read Coverage and Challenge Tests with Seeded Defects
6. Capstone: Test a Small Pricing Engine and Report Its Limits

Before you choose

1. These are published programme highlights, not certification of complete syllabus coverage. Review the available reading index and programme trial before enrolling.
2. ZELVU provides learning support. It does not award the underlying degree, professional registration or an examination result.
3. Current checkout terms and refund policy apply. Payment and access require successful provider verification.

Take the next step

Explore the programme trial

View current details, scope and terms

Ask ZELVU about this programme

Save this brochure for reference. Details can change: confirm the current programme page and checkout before making a purchase.