ZELVU Education

COURSE BROCHURE

Software QA & SDET Learning Path

Diploma, Vocational & Skills / Software Testing & QA

One-time full-course fee

INR 7,999

Access

24 months course access

Study plan

544 suggested study hours; 24 months access

Learning format

144 self-paced written English lessons with original explanations, worked examples, answered exercises and 24 self-assessed capstones. Includes a protected downloadable local QA practice kit. Existing automated Course Tutor assistance is available in the LMS.

Programme overview

A multi-tool practical learning path through manual QA extensions, independent CTFL topic preparation, Agile testing, API and browser automation, mobile testing, SQL and data quality, performance, security, accessibility, BDD, contracts, CI/CD, unit testing, UAT, management and AI testing. Includes the same 144 new written readings from the 24 focused packs, with 24 self-assessed capstones. 144 self-paced written English lessons with original explanations, worked examples, answered exercises and 24 self-assessed capstones. 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. Includes the same 144 new readings as the 23 new specialist courses and the six-lesson manual-practice extension in Software Testing & Quality Foundations. Separate purchases of those packs repeat the same material. The earlier 17 foundation/Java integration readings are not included in this pathway. This purchase grants access to this one combined course and does not grant separate specialist entitlements or extend earlier purchases.

Who this is for

1. Manual testing foundations, basic HTTP and confidence with at least one programming language. Java, Python and JavaScript/TypeScript courses have their own prerequisites. Beginners should first use Software Testing & Quality Foundations or equivalent learning. A computer is needed for labs; mobile and browser tools have the requirements stated in their lessons.
2. Use fictional data and local or explicitly authorised test systems.

Published topics and learning focus

1. Software Testing & Quality Foundations
2. ISTQB CTFL - Independent Foundations & Revision
3. Agile QA, Scrum & Defect Collaboration
4. API Testing with Postman - Practical Foundations
5. API Automation with REST Assured & Java
6. Selenium WebDriver with Java & TestNG - Practical Foundations
7. Selenium with Python & pytest - Practical Foundations
8. Playwright with TypeScript - Practical Foundations
9. Cypress End-to-End & Component Testing Foundations
10. Mobile Testing & Appium Foundations
11. SQL & Database Testing for QA
12. ETL & Data Quality Testing
13. Performance Testing with Apache JMeter
14. Performance Engineering Foundations with k6
15. Web & API Security Testing Foundations
16. Accessibility Testing with WCAG 2.2: Practical Foundations
17. BDD with Cucumber and Gherkin: Practical Foundations
18. Microservices and Contract Testing: Practical Foundations

19 CI/CD for Test Automation: Practical Foundations

20 Unit Testing, Test Doubles & Coverage with Python

21 User Acceptance Testing and Business Workflows

22 Test Management and Risk-Based QA: Practical Foundations

23 Generative AI for Software Testers: Practical Foundations

24 Testing AI, ML and LLM Applications: Practical Foundations

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.