

OUR LEARNING EXCLUSIVE

- Custom exam prep software and materials
- Exam delivery in the classroom, with a **98% success rate**
- **We do not teach the test.** Extended hours of immersive, hands-on work
- All reading material and study guides sent to you when you register
- Every course taught by working automation and platform engineers

TRAINING CAMP FORMAT

thinQtank® Learning delivers this course as an **instructor-led training camp**, with the exam sat in the classroom as part of the camp. Camps are scheduled by cohort rather than to a fixed calendar, and the balance of lecture and lab work is set to suit the group and the delivery method. Contact us for the schedule covering your dates.

PREREQUISITES

- CompTIA Network+, Linux+, Cloud+ or Server+, or equivalent knowledge
- Comfortable administering Linux from the command line, and familiar with how Windows is managed
- Working understanding of TCP/IP networking, and exposure to Python, Bash or PowerShell
- CompTIA recommends two to three years in a core IT operations role — a recommendation, not a bar to entry

TARGET AUDIENCE

- Systems, cloud and network administrators automating what they now do by hand
- Network operations specialists, infrastructure engineers and junior DevOps professionals
- Administrators moving toward DevOps engineer, automation engineer, platform engineer or SRE roles
- Service members, veterans and military spouses using AF COOL, Army CA, MyCAA or VET TEC 2.0

EXAM

ATO-001 — CompTIA AutoOps+ (V1)

60 questions, 60 minutes, pass 600 of 900.

CompTIA AutoOps+ was released on **2 June 2026** as part of the CompTIA Expansion Series. It is vendor-neutral, so what students learn transfers across whichever toolchain their employer has settled on.

DELIVERY METHODS

- Instructor-led training
- Immersive live-online training
- On-site and custom delivery

COURSE OVERVIEW

thinQtank® Learning offers an industry-unique training camp in which students earn the **CompTIA AutoOps+** certification. As with all our CompTIA training experiences, the exam is delivered in the classroom.

AutoOps+ is the credential for the operations professional being asked to work like an engineer. It is not a programming certification and it is not tied to one vendor's tooling: it covers the automation, infrastructure-as-code, configuration management and delivery-pipeline skills a systems, cloud or network administrator now needs.

The course maps to exam **ATO-001**, with objective coverage marked throughout. Students build a working delivery pipeline end to end — code, provision, configure, integrate, test and release — and take the exam in the classroom on the final day.

WHAT YOU WILL BE ABLE TO DO

- Automate operational work that is currently done by hand, and know when not to
- Ship a change through a pipeline that tests and gates it before anyone sees it
- Release with a strategy you can undo, and see the failure before a customer reports it

COURSE OBJECTIVES

Primary course objectives:

- Read, write and debug automation code, choosing sound data structures, logic and error handling
- Work with YAML, JSON and templating, keeping secrets out of the files that describe your systems
- Use version control properly — branch, review, merge, roll back — as the record of every change
- Describe infrastructure as code, provision it repeatably, and hold it in its declared state
- Integrate with REST APIs: authentication, pagination, rate limits and failure
- Build CI pipelines that test and gate a change, with linting, static analysis and scanning
- Release using blue-green, canary and rolling deployments, and know which one fits
- Instrument what you ship: logging, metrics, alerting and the feedback loop that closes it

EXCLUSIVE LEARNING PACKAGE

- Pipeline lab environment you keep after the camp
- Infrastructure-as-code video course
- AutoOps+ video course
- Prepared Git repositories and broken pipelines to fix
- AutoOps+ reading plan and review guide
- AutoOps+ certification practice exam

COURSE MODULES

01 Automation Coding Concepts 31%

- Topic A: Data types, structures and control flow for operational scripting
- Topic B: Functions, modularity and reuse
- Topic C: Error handling, exit codes and idempotency
- Topic D: YAML, JSON and templating
- Topic E: Version control — branching, review, merge and rollback
- Topic F: Handling secrets and credentials safely

02 System Configuration 25%

- Topic A: Infrastructure as code and declarative provisioning
- Topic B: State, drift and reconciliation
- Topic C: Configuration management at scale
- Topic D: Image and container build practice
- Topic E: REST API integration, authentication and rate limits
- Topic F: Inventory, tagging and environment separation

03 Continuous Integration 24%

- Topic A: Pipeline anatomy: triggers, stages, artifacts and gates
- Topic B: Automated testing and quality gates
- Topic C: Linting, formatting and static analysis
- Topic D: Dependency, container and IaC scanning
- Topic E: Build reproducibility and artifact management
- Topic F: Diagnosing a failing pipeline

04 Continuous Delivery 20%

- Topic A: Environment promotion and release approval
- Topic B: Blue-green, canary and rolling deployment
- Topic C: Rollback, feature flags and safe failure
- Topic D: Logging, metrics and alerting on a release
- Topic E: Change records and auditability
- Topic F: Building the pipeline end to end

WHAT IT COSTS, WHAT IS INCLUDED

Training camp, five days	\$2,650
CompTIA AutoOps+ exam voucher (AT0-001)	\$273
Exam sat in the classroom on the final day	included
Retakes of any part of the course for 24 months	included
Six months mentoring with our engineers	included

WAYS TO PAY

- **AF COOL** — Air Force and Space Force enlisted
- **Army Credentialing Assistance** — enlisted and warrant officers
- **MyCAA** — military spouses
- **VET TEC 2.0** — veterans and separating service members
- **thinQflex™** — name your own price, paid over twelve months

WHERE IT RUNS

- **Sterling, VA** — 21481 Ridgetop Cir
- **Atlanta, GA** — 431 Marietta St NW
- **Burbank, CA** — 3301 N San Fernando Blvd
- Five days, Monday to Friday. Also delivered live-online and on-site.

TERMS

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