

Network Automation with Python Fast Track (A3PY202FT)

Price: 2195

Duration: 3 days

Delivery Methods: Virtual

Overview

Course Overview

This course provides a practical and hands-on approach to network automation using Python. It's designed to empower network engineers to move beyond manual, time-consuming command-line interfaces. Participants will learn to leverage a full-featured programming language for advanced data manipulation, multi-vendor automation, and seamless integration with the broader IT ecosystem. The hands-on labs focus on automating real-world network devices from major vendors like Cisco, Arista, and others.

Objectives

- **Apply Python to Network Tasks:** Use Python fundamentals to programmatically interact with network devices.
- **Master Multi-Vendor Automation:** Confidently manage and configure devices from different vendors via both CLI and APIs.
- **Automate with Data:** Parse and manipulate structured and semi-structured data formats like JSON and CLI output.
- **Build Reliable Solutions:** Securely manage credentials and version control network configurations to ensure reliability.

Audience

- Network Engineer

- Network Architect
- DevOps/SRE (Site Reliability Engineer)
- Network Operations Center (NOC) Technician/Analyst
- IT Infrastructure Manager

Prerequisites

Although not required, students with some experience programming will most appreciate this hands-on course.

Course Schedule

Date	Time	Price	Options
06/17/2026	09:00 AM - 05:00 PM CT	2,195.00	Buy Now Enroll
09/02/2026	09:00 AM - 05:00 PM CT	2,195.00	Buy Now Enroll
12/02/2026	09:00 AM - 05:00 PM CT	2,195.00	Buy Now Enroll

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FAQ

What if I have to reschedule my class due to conflict?

Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to info@toptalentlearning.com to avoid rescheduling penalties.

How do I enroll for this class?

Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

What happens once I purchase a class?

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What is your late policy?

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

What happens when I finish my class?

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.