Grow with Google

Google IT Automation with Python Professional Certificate

IT Support isn't just a job, it's a career path. Explore our newest IT training to help learners take the next step in their career - whether they're advancing as an IT Support Specialist, upskilling toward a Junior Systems Administrator role, or pursuing more technical paths.

The need

Python is now the most in-demand programming language by employers. Over 530,000 US job postings currently require Python proficiency - including 75,000 entry-level jobs, according to Burning Glass. this new certificate will equip learners with the latest job-ready skills to help take their career to the next level.

Target learners

Learners should have foundational IT knowledge from the Google IT Support Professional Certificate or a similar program, including basic computing skills like using files and directories, familiarity with networking concepts, and installing software on an operating system.

Topics

This certificate is designed to teach learners in-demand skills through five courses and a capstone project. Learners will:

✓ **Learn how to program with Python** with no previous knowledge of coding required

✓ **Apply automation at scale** by using configuration management and the Cloud

✓ **Learn to use Git and GitHub,** to troubleshoot and debug complex problems

✓ **Practice technical skills with** hands-on projects to solve a real-world IT problem

Cost

Coursera offers a reduced rate of $49/month for individual learners (average completion rate of ~6 months).

Note that the cost to enroll provides learners with access to the graded assessments and the credential that's awarded for successfully completing the program; the video lectures, readings, and practice assessments are available for free to all learners on Coursera.

Click here to learn more!