



# ARISTA

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**Authorized Learning Partner**

## Arista Programming Essentials ACE - Training

### Price:

€ 1,380.00 excl. VAT

### Duration:

2 days

### Course description:

Everyone in networking should learn to program, but they don't necessarily need to be a developer. This course is designed to get networking people up to speed on Python with a focus on Arista's eAPI, so that they can write useful automation scripts in a short period of time.

### Pre-requisites:

A basic knowledge of programming in any language (yes, even BASIC) is required, no matter how long ago you learned it.

Understanding the following question is a good test: Given the following statement in almost any programming language, what will be the value of the variable b? `a = b = c = 'Arista'`

### Course Outline:

#### Modul 1: Python

- Python Overview
- Data Types
- User Input and Time
- Pretty Python
- Program Flow
- Functions, Modules, and Packages
- File I/O
- Exception Handling
- Miscellaneous Topics
- Example Screen Scraping

#### Module 2: eAPI

- Understanding eAPI
- Using eAPI
- Pyeapi

#### Module 3: RPM and SWIX

#### Module 4: EOS SDK