WASTC 2018 Faculty Development Weeks

Emerging Technology Workshop 1 & 2, Instructor Class

An introduction to network programmability and REST API programming leveraging Cisco's SDN and Collaboration tools

Dates: In Person, June 11-15, 2018
Cabrillo College, Aptos, CA

This two-part workshop will provide you with a practical introduction to the world of Network Programming and automation. It is composed of two parts:

- Part 1: **Network Programmability with Cisco APIC-EM** introduces you to the basic competencies to operate and automate management tasks on a controller-based network.
- Part 2: **Experimenting with REST APIs using Cisco Spark** introduces you to the basic competencies needed to create applications and automate tasks using REST APIs, the most popular architecture for software integration in IT.

Upon completing this workshop, you will be able to leverage the content and augment your student courses to include Python programming skills and tools, culminating in live interactions with the APIs on Cisco programmable controllers using the Cisco DevNet Sandbox and the Cisco Spark online platform.

Prerequisites:

- Fundamental Knowledge of Networks
- Basic Programming Skills

Instructor:

Gabriela Neira is a Telecommunication Engineer. Gabi was recruited, by Cisco from the Cisco Academy and put her on her career path. Cisco hired her as an intern (Lab Engineer) to work

with the Pre-Sales team, working with the architectures of Routing & Switching, Security, Wireless, IoT and Collaboration. Later, she became part of the Cisco Networking Academy Team, as an Associate Technical Manager for Latam.
Gabriela is based in Perú, but she travels around the region where it's needed.
She is a CCNA R&S and CCNA Wireless certified and qualified as an instructor trainer. She is one of the few instructor trainers for the new Emerging Technology Workshops.

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