



▶ ▶ ▶ ▶ ▶
▶ ▶ ▶ ▶ ▶
Eduardo Viana da Silva, Ph.D.
Michele Aoki, Ph.D.

Collaborators on the Proposal with the National Science Agency (NSA) for the Cybersecurity Course in Portuguese

- University of Washington Language Learning Center (LLC) – Dr. Paul Aoki and Dr. Russell Hugo
- Department of Spanish and Portuguese Studies
- UW Center for Information Assurance and Cybersecurity (CIAC) – Dr. Barbara Endicott-Popovsky

GenCyber Cybersecurity

First Principles and Concepts

The proposed program will focus on the framework for GenCyber Cybersecurity Concepts. The ‘Essentials of Cybersecurity’ online course offered by CIAC begins by introducing participants to the key terms and concepts.

Find your niche in cybersecurity

UNIVERSITY of
WASHINGTON

Professional Certificate in
Essentials of Cybersecurity

I'm interested 

What you will learn

- Describe the vast array of roles and sectors within the Cybersecurity industry;
- Explain the relationship between management and technology in cybersecurity protection;
- Identify appropriate types of security controls to the actions of different and evolving threat actors;
- Apply terminology and basic concepts of cybersecurity;
- Assess own knowledge, skill, and abilities toward identifying a career path in cybersecurity.

 [Play Video](#)

[Program Overview](#) 



Expert instruction

4 skill-building courses



Self-paced

Progress at your own speed



4 months

2 - 5 hours per week



\$716.40 ~~\$796 USD~~

For the full program experience

Courses in this program



UWashingtonX's Essentials of Cybersecurity Professional Certificate



Introduction to Cybersecurity 



Cybersecurity: The CISO's View 



Building a Cybersecurity Toolkit 



Finding Your Cybersecurity Career Path 



Job Outlook 

GenCyber Cybersecurity

First Principles and Concepts

- The class sessions will be centered around the online modules (flipped classroom) with English, Spanish, and Portuguese
- There will also be supplemental activities on specific topics related to safety, cryptography, and more to provide some more practical, hands-on work
- Students will explore their future career plans and possible pathways in cyber security

Target Audience

25 primarily female high school students whose first language is Portuguese or Spanish. Participants must have a basic understanding of internet technology (what are web pages, search engines, etc.) and be comfortable using Windows and a web browser. The program will be structured such that a range of computer experience beyond that will be acceptable.

Proposed Program Format

- 3-week online module (Multilingual: English, Portuguese and Spanish)
- 10-day face-to-face GenCyber summer camp at the UW – Translanguaging Tables
- Flipped preparation model
- Face-to-face time to be focused on learner engagement
- Especially collaborative peer activities
- Projects

Week 1 – Face-to-face

Monday - Aug 10, 2020

Field of cybersecurity in the U.S and in Brazil; Networking Overview; Networking and Cybersecurity; Anonymity on the Web; Ethics & Free Speech; Social Networking Issues and STAMP Exam for Portuguese

Tuesday - Aug 11, 2020

Review of Define and use key terms; Implementation Labs and Activities; Introduction to Cryptography; Implementation Labs and Activities; Translanguaging Tables and Portfolio

THANK YOU!
OBRIGADO!
¡GRACIAS!

Contact:

Eduardo Viana da Silva – evsilva@uw.edu
University of Washington, Seattle