WASTC 2019 Faculty Development Weeks

NETLAB+ Custom Content and API Workshop

Dates: In Person June 24 - 28, 2019 Coastline Community College, Garden Grove, CA

Target Audience: This course is for you if …
- you use NETLAB+ and want to do more.
- you would like to contribute to the nation-wide virtual lab support.

Workshop Overview:
NDG will be presenting advanced topics such as producing custom content and working with custom pod and lab designs using NETLAB+. Users should be familiar with VMware Workstation as well as VMware vSphere ESXi. NDG will provide an overview of these products as they relate to custom content. Users should be prepared to develop their own labs which will include virtual machines, PDF documents and custom graphics to produce a pod design (set of virtual machines) and lab design (library of learning exercises) to be hosted on a NETLAB+ system for learners to practice hands-on IT skills. This workshop will teach you how to prepare labs and virtual machines to be hosted via a NETLAB+ system..

The BACCC Remote Lab project coordinators are actively promoting this session and hope that attendees will develop an interest and a commitment to continue this content development beyond this FDW session. Resources are being explored to support this direction. Irvin Lemus, BACCC Cyber Competitions Technical Coordinator will be joining the session as a guest speaker.

Instructor: Jason Zeller studied his undergraduate degree at Fort Hays State University, studying Information Networking and Telecommunications. As a lab assistant he took over the NETLAB+ administration, which he still maintains and manages today. He went on to complete his Masters in Information Assurance at FHSU and is currently an Assistant Professor in the Informatics department teaching undergraduate and graduate Cybersecurity courses. Jason has been with Network Development Group since 2011 as a Senior Product Engineer. Now as a full-time professor, he continues to work as a Subject Matter Expert / Consultant for NDG. He fashions himself as a utility player, working with NETLAB+ code, research and development testing, curriculum development and facilitating NETLAB+ events and workshops.

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