



WASTC 2019 Faculty Development Weeks

## NDG Cybersecurity Competition Workshop

**Dates: June 10 – 14, 2019 Cabrillo College, Aptos, CA**

**Target Audience:** This course is for you if ...

- you are an experienced Cyber Competition Coach or Mentor and want to add more to your skills.
- you teach cybersecurity courses high school and college students

### Workshop Overview:

Cybersecurity Competitions are becoming extremely popular around the world. Ever thought of hosting your own? Don't know where to get started? NDG will be presenting their latest work in Cybersecurity Competitions. NDG has developed several CTF training pods, mapped to their Cybersecurity lab offerings. They are also releasing competition pods (Capture-the-Flag and Defense style) available to NETLAB+ users. Users should be familiar with VMware Workstation, VMware vSphere ESXi, and Linux (Ubuntu) operating system. This workshop will cover using NDG Competition pods, creating your own competition pods, and discuss what is needed to run a successful competition.



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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