Open Platform Infrastructure for ICS Security and Regulatory Compliance

December 12-13, 2024

The 2-day Faculty Development Workshop on Open Platform Infrastructure for ICS Security and Regulatory Compliance will be conducted at the Center for Cybersecurity at UWF in Pensacola. The face-to-face workshop will be offered to 30 faculty participants. It is designed to be a train-the-trainer type of faculty development. The participant will gain an understanding of fundamental techniques in defending Critical Infrastructures, primarily those in the Energy, Water/Wastewater, Transportation Systems, and Critical Manufacturing sectors. In particular, the participant will gain a working knowledge of Programmable Logic Controllers (PLC), Human Machine Interfaces (HMI), network packet capture and analysis using Wireshark, control system protocols, system reconnaissance, penetration testing, intrusion detection systems, Security Compliance and Auditing with emphasis on the North American Electric Reliability Critical Infrastructure Protection (NERC-CIP) standards. Participants will also be exposed to numerous active learning activities through Open Platform Infrastructure utilizing Docker virtualization technologies. Each participant is required to bring a laptop with Docker installed. Upon completion of this course, the participant is awarded a digital badge. Travel funds, up to $1200, are available to each participant.

Scan the QR code or follow this link to the registration page.

For more information regarding this workshop, contact:
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* This workshop is limited to faculty members in US institutions. All participants must be a US citizen or Permanent US resident.