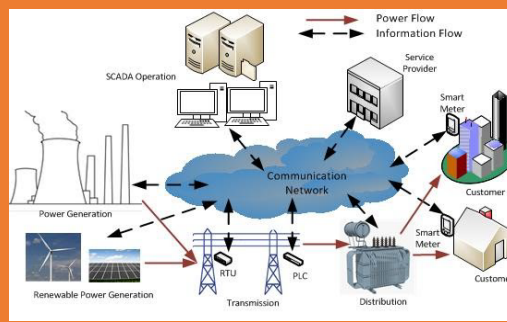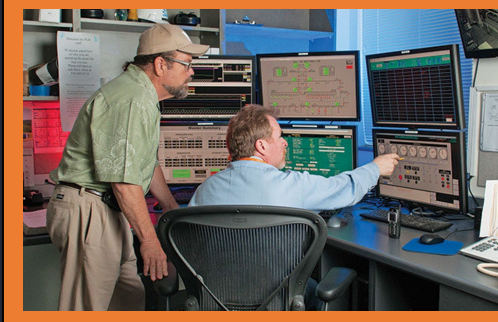# Critical Infrastructure Security Training Programs for Industry Professionals and University Students

(Sponsored by the Texas Workforce Commission's Wagner-Peyser Grant)

4 Hours Online short course for students interested in resilient, cyber-physical system (CPS) for critical infrastructure.
TRAINING LINK AVAILABLE APRIL 1, 2022.
TRAINING MUST BE COMPLETED NO LATER THAN MAY 31, 2022

Education and Experience

• Background in Computer Science/ Electrical and Computer Engineering/Renewable Energy/Wind Energy/ Industrial Engineering/ Mechanical Engineering/Data Science, and More.

Minimum Qualifications

• Basic understanding of networking, IT, Energy and Utility Operations, and Windows

• Must meet Texas Workforce Commission eligibility requirements as follows:

   • be fourteen (14) years of age or older;

   • be a United States (U.S.) citizen or a noncitizen authorized to work in the U.S. (F1 students with SSN are eligible);

   • if male, be in compliance with the United States Selective Service System registration

Course Outcomes

• Students will earn a certificate and/or professional points from the instructors as a part of Texas Workforce Commission's Wagner-Peyser grant.

• Students earning the certificate will be better prepared in cyber-physical security aspects & add it to resume.

• Prepare for the Full summer workshops.

Course Delivery

• Program will be made available online through a Dropbox link which will be sent to your email directly after April 1.

• Students will complete a quiz as part of the assessment.

Course Offerings

• Basic Networking in Cyber-Physical Systems (CPS)

• CPS Policy and SCADA/HMI using node-red

• EXataCPS: Different Cyber-Attack scenarios on critical infrastructure

• SCADA and Critical Infrastructure Incidents - Misuse case analysis

Scan to access form

If interested please contact Manohar Chamana (m.chamana@ttu.edu) or Argenis Bilbao (argenis.bilbao@ttu.edu) or Tracie Mcclaran (Tracie.Mcclaran@ttu.edu) with Texas Tech University

Address:

National Wind Institute

1009 Canton Ave, Lubbock, TX 79409

Registration Link: https://forms.gle/sb17iSu4ZtoenqQ27