Terra Faculty Professional Development Outline for June 27, 2023
Session will run from 9:00 am to Noon

1. Review of the session on 6/20/23:
   a. Visit the project site
   b. Do a Zoom session today to computers in the room

2. Learning Thread:
   a. Module Topics
   b. Module Outcomes
   c. Performance Assessment
   d. Reading Assignment: Prepare the students for the assessments
   e. Lab Exercises: Prepare the students for the assessments
   f. PPT/PDF: Prepare the students for the assessments
   g. Knowledge Assessment (Canvas), KAA: Created based on the instructional materials

3. OER Material:
   a. Videos in Engineertech.org
   b. Creative Commons licensing
   c. Skillscommons (DOL repository)
   d. ATE Central (NSF ATE repository)

4. Simulations:
   a. Used to prepare students for the hands-on lab
   b. Simulations are usually ran in a virtual machine, available 24/7
   c. Automation Studio is what NSCC uses for numerous courses
   d. PLC simulations

5. Discuss experiences anyone had from last session creating a Learning Object:

6. Learning Objects:
   a. PPT/PDF, software and hardware that is needed
   b. Video with a camera or phone, software and hardware that is needed
   c. Video, Voice over PPT, software and hardware that is needed
   d. Video, Screen Cam, CAD, PLC, CNC/CAM, etc.
   e. Simulations
   f. Video with Questions in Canvas
   g. All objects need to be available 24/7 in Canvas
   h. How to record a screen video with Zoom