Terra Faculty Professional Development Outline for June 20, 2023
Session will run from 9:00 am to Noon

1. Review the CREATE Project Goals:
    a. Convert 3 Lecture/Lab courses to a Competency-Based/Hybrid model
    b. Develop the skills of the faculty to develop Competency-Based curriculum
    c. Discuss the impact that any course/skills development will have on the project

2. Progress on the 3 course conversion

3. Progress on the skills development of the faculty

4. Identifying inefficiencies in existing technical courses:
    a. What takes most of your time in lab or lecturer
    b. What is a challenge for student learning that is not well explained in the text
    c. Discuss possible solutions

5. Review the Competency-Based Hybrid model and the process for creating a "Learning Thread"
    a. Topics list for a module/course
    b. Performance Assessment
    c. Lab exercise development
    d. Creating videos about the labs/topics
    e. Creating PPT/PDF informational pieces
    f. Reading assignments in vendor manuals
    g. Online test questions (KAA)

6. Overview of an Electrical Prints & Troubleshooting Course

7. Brainstorming session on the Terra Electrical Prints & Troubleshooting course
    a. What technologies should be included?
    b. What training units at Terra can be used to install faults into?
    c. Is there training equipment that have multiple technologies (systems)?
    d. Challenges with a course like this, from a teaching perspective

8. Discussion on what equipment/software is needed to create videos, and the process

9. Discussion on what softwares will be needed to create graphic objects

10. Discussion on topics for the session on 6/27/23