Fall 2022 Engineering Capstone Design – Snapshot 2 <u>ZOOM</u> Presentations Tuesday, December 6, 2022

Poster Presentations

| Project Name Pr | roject Sponsor | Lead Dept. | Instr. |
|-------------------------------------------------------------------|----------------------|------------|--------|
| Session 1 (3:30 – 3:50 pm) | | | |
| • • | I and Invent Idaho | ME | SB |
| * | ASA ISGC | ME | MM |
| · | chweitzer Engr. Lab. | ME | MS |
| | odiak Aircraft | ME | VD |
| , | tanley Solutions | ECE | НН |
| | ansen Photonics | CS | BB |
| | ASA EPSCoR | BE | RQ |
| | I Marching Band & Co | | JS |
| Session 2 (3:50 – 4:10 pm) | | | |
| - · · · · · · · · · · · · · · · · · · · | ASA ISGC | ME | VD |
| - | laho National lab. | ME | MS |
| • | ista Outdoor | ME | MM |
| • 18 – Detecting and Locating Cancelling Faults Sc | chweitzer Engr. Lab. | ECE | BJ |
| | laho Scientific | ECE | YC |
| • 23 – Gamified Computers and Networks Visual UI | I CS | CS | BB |
| • 29 – Cell Shear Stress Bioreactor UI | I BE | BE | RQ |
| • *B – Network Craft III UI | I CS | CS | BB |
| Session 3 (4:10 – 4:30 pm) | | | |
| • 07 – Pendant Controller Ba | astian Solutions | ME | SB |
| • 09 – Lab-scale Continuous Casting Demonstration Ida | laho Nat. Laboratory | ME | MM |
| | odiak Aircraft | ME | MS |
| • 16 – CubeSAT-Small Payload Balloon Drop NA | ASA ISGC | ECE | YC |
| • 25 – Big Data Analysis for Elliptical Pattern Identification UI | I ChemE | CS | BB |
| • 32 – Pulsatile Flow in Non-Rigid Tubes UI | I BE | BE | RQ |
| CdA – Automated Insertion of Keys Sc | chweitzer Engr. Lab. | CS | JS |
| Session 4 (4:30 – 4:50 pm) | | | |
| • 03 – Cryo- Tensile Test Fixture NA | ASA ISGC | ME | MM |
| • 06 – Leg Exoskeleton for MS Walking Assistance Ha | aagenson Endowment | ME | JP |
| | yster-Yale | ME | MS |
| | I CS | ECE | YC |
| | I CS | CS | BB |
| 1 | I BE | BE | RQ |
| • *C – Cyber Security UI | I CS | CS | BB |

^{*} Fall completion project

Notes:

- Use the Capstone Design Hall, which is a single Zoom session using Breakout Rooms:
 - o http://www.uidaho.edu/capstone-zoom-hall
 - o Password: expo2023
- All rooms will always be left open. Attendees can move from room to room on their own.
- Presentations will occur in the specified rooms at the times outlined above

Poster Presentations:

- During each 20-minute session, students should plan to:
 - o Present a single-slide poster, with it displayed continually throughout the session
 - o Prepare an ~3 to 5-minute <u>verbal description</u> of their project (highlighting key points on the poster)
 - o Field and answer questions from the audience
 - o Deliver the verbal overview 2-3 times during their session
- Poster template:

https://www.webpages.uidaho.edu/mindworks/Capstone%20Design/Templates/Poster-template-white.pptx

Student Attendance:

- Each student is required to attend at least 3 different team presentations (not your own)
- Make a **logbook entry** for each presentation to verify attendance, and:
 - o Reflect on the overall experience and key takeaways
 - o <u>Identify</u> aspects of the presentation that went very well, and any potential areas that the presenting team could improve (keep it constructive)
 - o Specify any lessoned learned that you will apply to your own future presentations