

Technical Events

1. Timber Design Build (based on national rules)
 - a. Attend and grade presentations, read and score reports
2. Surveying (based on national rules)
 - a. Attend and grade presentations, read and score reports
3. Technical Paper (based on national rules)
 - a. Attend and grade presentations, read and score reports
4. GeoWall (based on national rules)
 - a. Attend and grade presentations, read and score reports
- 5. Sustainability**
 - a. Attend and grade presentations, read and score reports
- 6. Environmental Design**
 - a. Attend and grade presentations, read and score reports
- 7. Transportation Design**
 - a. Attend and grade presentations, read and score reports

External Events

- 1. Concrete Canoe Competition -- National**
 - a. 3-5 judges (preferably ASCE members)
 - i. Day 1 - Concrete Canoe displays and presentations; Day 2 - Concrete Canoe races
 - ii. Same judges must judge all 4 events
 - iii. Judges will follow Head Judge instructions, fill out the deduction/scoring sheets released in Sept 2021 in the NCCC Rules and Regulations
 - iv. Section 13 details scoring standards:
https://www.ceias.nau.edu/capstone/projects/CENE/2019/ASCEConcreteCanoe/nccc_rules_and_regulations_2019.pdf
- 2. Student Steel Bridge Competition (SSBC) -- National**
 - a. Judges (3-5 per Construction Lane, 1 per lateral/vertical loading and weighing station):
 - i. Day 1 - Aesthetics Judging; Day 2 - Judges Training; Day 3 - Main Competition (construction, load tests, weighing)
 - ii. Assists Head Judge in conducting competition and interpreting rules
 - iii. Attends Judges' Training
 - iv. Assigned to aesthetics/construction/lateral load/vertical load/weighing stations
 - v. They have complete authority in enforcing rules, resolving ambiguities, and ranking bridges
 - vi. Studies AISC SSBC Host Guide
 - b. 3 Bridge Marshals:
 - i. In charge of making sure competed bridges aren't altered between construction site to loading site, assists in scorekeeping, carries judging forms between stations