



# ANS NCSO

## Engineering Calculation Competition Rules

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1. The problem is open-book, open-software, open-internet, and open-resource. You may use any references, calculations, or descriptions you deem appropriate, but you must appropriately reference any resources used, from conversations with mentors to online references or textbooks. Failure to properly credit sources is a serious professional grievance, and in this competition will result in disqualification.
2. If you have questions, feel free to ask any NCSO member for their guidance or advice, but include the name of anyone who helped you in your submission. Specific technical questions can be asked of Jim Mormon, John Miller, James Bunsen, Deb Hill, Jerry Hicks, or Theresa Culter – and even if you find their email address they might not be checking it during the meeting, so finding these individuals in person is recommended. Good luck!
3. Submissions should be small enough to send as a regular email attachment. The judges will not open attachments via Google Drive or other hosting sites
  - a. However, please note that the judges will not be able to ask you clarifying questions. Please include everything in your submission you believe is necessary for the judges to understand your solution, such as descriptive text, images, tables, sample calculations, etc.
  - b. The judges will also not verify or run any codes/software/programs/etc. You may still attach things like software input decks if you feel it adds to your submission but understand we will not use any codes or software in grading and you must explain their use as appropriate if an important element of your submission.
4. Submission file names should be formatted as follows: yourlastname\_filetitle.fileextension
5. Email your submission to [ncsd.competition@gmail.com](mailto:ncsd.competition@gmail.com)
6. No late submissions will be accepted. Submissions must be received by noon Eastern Standard Time on Tuesday, November 13<sup>th</sup>.
7. You must attend the NCSO awards dinner on Tuesday night to receive your prizes. All winners will receive a complimentary ticket (\$90 value). The dinner will be from 7pm-9pm at Fogo De Chao Brazilian Steakhouse, 48282 International Drive, Orlando, FL 32819. The prizes are as follows:
  - a. First Place for Undergraduate and Grad/YMG: \$150 Amazon Gift Card, official ANS award certificate, and complimentary ticket to NCSO awards dinner
  - b. Second Place for Undergraduate and Grad/YMG: Amazon Echo Dot with Alexa, official ANS award certificate, and complimentary ticket to NCSO awards dinner
  - c. Third Place for Undergraduate and Grad/YMG: Official ANS award certificate and complimentary ticket to NCSO awards dinner