



ANS NCSO

Engineering Calculation Competition FAQ

Who can compete?

- Current students attending the ANS meeting
- Young Members attending the ANS meeting

When is the competition?

- The competition opens on October 30th at 5am and final submissions must be received by noon October 31st.
- Early bird packets are available at the NCSO committee meetings Sunday from 1:00-5:30. Feel free to stop by and get a leg-up on the competition!

How do I know if I win?

- The winner will be announced Tuesday at the NCSO Awards dinner; a dinner seat has been reserved for the winner and second place, who will both be notified in advance via email.
- Free spots at the awards dinner have also been reserved for the 3 fastest complete submissions. Be sure to stop by the NCSO committee meetings to get your early bird packets so you can finish the problem early!
- The solution to the problem will be presented Wednesday afternoon at the Membership Challenge Activity Debrief and Solution Discussion–Panel session. This session is open to any who are interested in learning the process required to solve the kind of sample problem highlighted in the calculation competition. An iPad 1st prize and Fitbit 2nd prize will also be awarded at this time.

Can I ask for help?

- Yes! You are encouraged to find NCSO members and ask for technical tips and assistance in your approach to the problem. You can identify knowledgeable division members by the radiation symbol sticker on their name badges:



What do I have to do to compete?

- Go to ncsd.ans.org to download the problem statement. Propose a solution and send it to the provided email. Your solution may include a basic physics calculation, a model, a statement of safety and reasonability, or some other justification to explain why it is a

satisfactory solution. You may reference US standards or regulations, other documented safety analysis, or findings from nuclear safety incidents. There may be many 'right' ways to solve the problem, and the judges will select the best answer as the winner.