



Engineering Technology - Design Contest Update

Friday, March 6, 2026

Contest Chair: Robby Parks – Peak Engineers
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Location:

Boise Centre – East Building	Room 420 B
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Check-In and Orientation Time - 8:00 am

National Technical Standard Variations:

National Technical Standards will be followed as closely as possible.

Supplied by the technical committee for each competitor:

- One approximate 7'10"-wide by 7'10"-deep space supplied with one table
- Access to power, if applicable
- Note: The space and table provided will be the same size for each team.

Supplied by the competitor:

- Design prototype: The design prototype cannot be hazardous in any way and must be conducive to an indoor presentation. Design prototypes must be transported and set up in the competition area during the orientation meeting. It is the team's responsibility, not the event organizers, to deliver all components to the show floor and remove them at the end of the competition.
- Design board



- Engineering notebook
- Industrial review of engineering design
- One laptop computer or tablet
- One 10' multiple-outlet power strip, if needed.
- One page resume
 - Note: Power outlets are limited and will only be available as needed to operate a design prototype feature. One page resume

Robert Parks

Contest Chair

Engineering/Technology & Design Update

Advisors and Students,

I would like to remind everyone of the guidelines around engineering notebooks. The state issued competition has a section regarding this, but I would like to reiterate based on confusion in previous years.

Engineering Notebook

- Teams are required to keep an engineering notebook in either handwritten(preferred) or digital format.
 - If a digital notebook is created, a PDF of the notebook should be uploaded to your team's google drive folder prior to competition.
- The notebook must be from the current school year, in which the project is being presented.
- The notebook will be submitted to the judging team after the team's review.
- The notebook shall chronologically document the engineering process used to design and prototype their project.
 - Entries for handwritten notebook must be written in permanent ink, not pencil.
 - Corrections to entries must be crossed out initialed and any pictures or sketches must be properly mounted and initialed to "marry" the item to the notebook. This can be glue or tape.
 - The notebook must have a table to contents.
 - Every page must be numbered.
 - Every entry must be dated and signed.
 - The entire process should be documented, including but not limited to sketches, notes, calculations, evidence of research, photographs, test results, code, project management documents, marketability study with cost and profit analysis.



Some examples of engineering notebooks can be found at the VEX Engineering website:
<https://v5rc-kb.recf.org/hc/en-us/articles/9662127437591-VEX-Engineering-Notebook-Examples>

Please reach out if you have any questions. You can reach me at mr.parks44@gmail.com

Thank you,

Robert Parks