



**TOPIC # - TDC - 00**

**CHOOSE YOUR OWN ADVENTURE**

## BACKGROUND

Many Texas Space Grant institutions include faculty who have direct (funded) or indirect (collaborative) ties to NASA and space-related industry. In addition to the online application, teams must submit a project proposal and provide information about an independent mentor.

## SPECIFICATIONS

Submit a TDC-00 project proposal (see Upload Guidelines).

- Topic Guidelines
  - Any NASA or space-related topic is allowed
  - Identify which of the four NASA Mission Directorates best fits the topic: Aeronautics, Human Exploration and Operations, Science, Space Technology
- Mentor Guidelines
  - Mentor cannot be the faculty advisor and should be from NASA, contractor, industry, or a different institution
  - Mentor must be one of the following (identify in proposal)
    - current or retired NASA, contractor, or space industry employee
    - current or retired faculty having current or previous NASA or space-related research
  - Include one-page CV of mentor with the proposal including email and phone
- Proposal Guidelines
  - Proposal should include title, objective, background, and specifications including (where applicable) size, weight, strength, durability, serviceability, cost, power, use, and safety.
  - If the project idea is or was funded previously by NASA, include that funding information in the proposal (grant number, dates, dollars)
- Upload Guidelines
  - One-page maximum project proposal + one-page mentor CV
  - For the proposal, please use this filename convention: "TDC00-Proposal-institution-team.pdf".
  - For CVs, please use this filename convention: "TDC00-MentorCV-institution-team.pdf".
  - Send files as Adobe PDF format files to [designchallenge@tsgc.utexas.edu](mailto:designchallenge@tsgc.utexas.edu)

## DESIGN TEAM PROFILE

<b>NASA MENTOR:</b>	Selected by the faculty advisor and team
<b>LEVEL:</b>	Undergrad students of any level
<b>MAJOR/DISCIPLINE:</b>	Open to all majors/disciplines
<b>TEAMS:</b>	Multiple teams may be selected
<b>DURATION:</b>	One or Two-Semester Project
<b>PARTNERS:</b>	Partnerships with other institutions and private industry are encouraged

