DFX Design and Build Contest Rules and Information

General information:

- Location – DfX lab – ENB 110 3820 USF Alumni Dr, Tampa FL 33620.
- Date/time: Friday December 6th , 2024 – set up from / 3:00pm, event start - 3:30pm
- Contact info: E-mail dgomezgarcia@usf.edu

Eligibility:

- Students must be:
    - Enrolled in the undergraduate program of one of the engineering departments.
    - Good academic standing in the College of Engineering.
    - Must have the sponsorship of an engineering instructor.
- Both teams and individuals may enter the contest. Only one entry is required per group.
- Students must sign up here (add link) before Wednesday, November 27th at 12:00 noon.
- At least one group member must be able to present their projects in person.

Prizes:

- First place- $2500
- Second place- $1000
- Third place- $500

Showcase:

- The showcase will consist of a short presentation (2-4 min).
    - This presentation should include a description of the project's design, build quality, functionality, and an explanation of the global impact of their project.
- The project must make use of at least two tools in the Mini-Circuits DFX Lab, and this must be shown clearly in the presentation. Exceptions can be made for innovative software as determined by the judges, for question email: dgomezgarcia@usf.edu

Judging Criteria:

The final score for each contestant is a combination of evaluations by both faculty (75%) and students (25%). Both groups will use the same criteria and will judge each individual category on a scale of 1-7.

The judging categories are as follows:

- Originality: Does it present a unique and innovative solution to a problem?
- Complexity/ Implementation: How complex is the engineering project in terms of its design and functionality? Are technologies implemented correctly?
- Build quality: Is the construction of the project high quality?
- Global Impact: Does it have the potential to make a significant impact on a global scale?

Audience Vote:

- All students attending the Design and Build contest are eligible to participate in an audience vote, except for the judges and the event organizers.
- Students can vote electronically via a special event website. The link and QR code for voting will be displayed prominently throughout the event space.