

# GIRLS' ENGINEERING & TECHNOLOGY DAY 2022: PROJECT COMPETITION RULES & INSTRUCTIONS

## DESCRIPTION

Middle school and High School students in Utah are encouraged to participate in the 2022 Girls' Engineering & Technology Day project competition. The College of Engineering & Technology at UVU hosts this competition as part of this event and offers awards and scholarships for the winning projects.

Students are required, either individually or as a team, to complete a project of their own choosing relevant to engineering and technology. Each individual or team may choose the topic that they would like to focus on.

Each project should include the following criteria:

- Problem Statement: What problem is the project trying to solve?
- Approach to Solving the Problem: What approach using Technology/Engineering mindset is used to solve the problem?
- Implementation: Demonstrate that the project works and solves the problem.
- Presentation: 1-3 minute video stating the problem statement, approach to problem solution, and demonstration of the working project. Further explanation/questioning at in-person event for the judges the following week at the event.

## SUBMITTING A PROJECT

All projects must be submitted by **5pm on November 5, 2022**. This is for judges to review before the day of and to show on our website. Each video must meet the following criteria:

- Introduce the school, supervising teacher, and student(s) working on the project
- Describe your problem statement and the inspiration for the project
- Must be 1 minute long (3 minutes max)
- Everyone shown in the video must submit a release form found on our website (those younger than 18 years old must have a parent sign the release form)
  
- Video needs to be horizontal to fill a wide screen format and submitted as an MP4 or .mov file format
- Videos must not contain offensive content or language
- Tips: Speak clearly, have good lighting, have close up footage of the project, and let each team member have time to speak

Finished projects need to be submitted to our website, there will be a submission form to complete and upload your project. The form to submit the video may be found at [www.uvu.edu/cet/girls-day2022/](http://www.uvu.edu/cet/girls-day2022/). UVU has some equipment that may be borrowed at no cost to help with filming the project videos. For information on additional resources, please reach out to our STEM Coordinator, Josh Berndt [Josh.Berndt@uvu.edu](mailto:Josh.Berndt@uvu.edu).

# **JUDGING AND ANNOUNCEMENT OF AWARDS – NOVEMBER 12TH, 2022 (1:30 pm)**

Student projects will be judged by a panel of engineering and technology faculty at UVU. The judges will move through the room to view each project and ask questions to the individual or team working on project. Awards will be announced later that day.

**1<sup>st</sup> Place:** \$400 UVU College of Engineering and Technology Scholarship to EACH participating team member (up to 3 team members allowed)

**2<sup>nd</sup> Place:** \$30 Gift Cards per team member

**3<sup>rd</sup> Place:** \$20 Gift Cards per team member

Need more help with the projects? Have additional questions?

Contact our STEM Outreach Coordinator, Josh Berndt at [Josh.Berndt@uvu.edu](mailto:Josh.Berndt@uvu.edu) or call **(801) 863-7193**.