Nevada STEM Advisory Council List of Recommended STEM Programs

NAME: REC Foundation Factory Automation Competition

- **A brief description or overview of the program, such as your mission, philosophy, type of program, learning outcomes, etc. (125 words or less).**

The Factory Automation Competition (FAC) is a classroom-based competition that provides students with essential and desirable foundational skills needed for today's advanced manufacturing careers. Students progress from education to workforce and beyond by engaging in hands-on curriculum using the VEX V5 Workcell.

- **The target grades of the program.**

High school students

- **A single sentence outlining the unique or specific focus of your program.**

A classroom-based competition that provides students with essential and desirable foundational skills needed for today's advanced manufacturing careers.

- **A single sentence describing the program's impact on students.**

Students progress from education to workforce and beyond by engaging in hands-on curriculum.

- **A list of the specific skills students could expect to learn from your program.**

engineering, design, problem solving, teamwork, communication, manufacturing

- **A brief (50 words or less) description of resources that are provided to educators.**

team support, free curriculum

- **The link to your website for more information about your program.**

https://roboticseducation.org/fac/

- **Contact information (name, email, phone)**

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