

## Deaf/Hard of Hearing Student STEM Experience - NE Florida Regional Event

January 16, 2016 - 8:00 am - 4:00 pm

January 17, 2016 - 8:00 am - 12:00 pm

FREE - Sponsored by DeafTEC - on FSDB's Campus

Students 8th - 12th grade can register to explore Career and Technical Education (CTE) fields in sessions with hands-on activities. Register at <http://tinyurl.com/FEDHH-DeafTEC>

### Building Construction Technologies

The purpose of this session is to introduce students to careers in the building construction industry. If this is a career interest, students could take courses in the Architecture & Construction career cluster. Future Career Possibilities include Woodworker, Cabinetmaker, Craftsman, Carpenter, Construction



### Digital Media/Multimedia Design

This session introduces students to careers in the Arts, A/V Technology and Communication career cluster. The content includes an overview of specialized skills in multimedia presentations such as video editing, audio features, and simple animation and authoring software are used to produce a variety of interactive multimedia presentations. Future Career Possibilities include Graphic Designer, Desktop Publisher, Multimedia artist, Web Designer, and Video editor.



### Promotional Design and Marketing

This session introduces students to careers such as a Custom Promotional Design Manager, First Line Supervisor, and Small Business Manager..

Students will be introduced to topics including, management of digital layout and design, production of embroidered apparel, direct to garment print, sublimation, specialty items and signs as it relates to the running and management of a digital imprinted merchandise business.



### Robotics and Programming

Programming is being considered a new life skill for many students as web applications and mobile device apps are utilized in many industries. In this session, students will be introduced to Dash and Dot, robots programmed using a visual programming language called Blockly on iPads. This award winning robot and programming combination provides a fun foundation to understanding programming and how a computer language can control robots.



### Engineering via Math

Computer Assisted Design (CAD) and 3D printing are exciting technologies with a foundation in math. Students will learn how math is used in the real-world and about engineering careers. Students will understanding the involvement of inquiry-based thinking, prototype design, modeling, and testing models as elements within engineering.

**My STEM Future** - Students will have a final session that includes discussion and planning about their future. Students will take home ideas that can be incorporated into their next IEP.