



**BILL R. JOHNSON CTE CENTER
8 A.M.-12:30 P.M.**

COHORT 1: JUNE 3-6

COHORT 2: JUNE 10-13

COHORT 3: JUNE 17-21 (NO SESSION ON WEDNESDAY, JUNE 19)

COHORT 4: JUNE 24-27

1. **Girls in STEM** - Solving Global Challenges: This program empowers girls to utilize the engineering design process to create solutions for global issues.
2. **Young Men in STEM** - Solving Global Challenges: This initiative prepares young men to apply engineering strategies to solve critical worldwide problems.
3. **Architecture: Solving a City's Design Needs:** Participants will learn to address urban planning and design needs using architectural principles and engineering processes.
4. **3D Printing Solutions for People with Disabilities:** Students will innovate and design 3D printing solutions to improve accessibility and daily life for people with disabilities.
5. **Drones - Leading the Way to Protect a City:** This program focuses on using drone technology to enhance urban safety and manage emergency responses.
6. **Electrical Engineering - Solving the Needs of the Homeless:** Future leaders will develop electrical engineering solutions aimed at improving conditions for homeless populations.
7. **Solving the Coastal Problems - Designing Coastlines Erosion Seawall:** Students will tackle coastal erosion through the design and construction of effective seawalls.
8. **Pioneering Flood-Resilient Agriculture:** Participants will engage in creating agricultural technologies and systems that can withstand and operate during flood conditions.
9. **Visionary Women: Civil & Architectural Engineering:** A specially curated program for middle school girls, selected by administrators to advance their skills in STEM and leadership.
10. **Spike Prime-** Robotics Coding: This course develops leadership, coding, and design skills, preparing students to effectively manage teams and projects, while fostering innovation for global challenges.

**Scan to
Register**



**CONTACT INFORMATION:
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