



**STEM ACADEMY
ADVISORY BOARD MEETING
WEDNESDAY, NOVEMBER 13, 2024**

Vision: Inspiring students to problem-solve, innovate, and transform their communities

Mission: Preparing students for college and careers as scientists, technologists, engineers and mathematicians in a global society.

Strategic Priorities:

- ☐ Increase member enrollment in student organizations by 25% in the 2023-2025 school year
 - ☐ All Academy students will participate in at least three of the following activities: Field trip, guest speaker, work-based learning and/or dual credit by May 23, 2025
 - ☐ Increase female enrollment in academy by 4% for 2028 cohort.
 - ☐ Increase participation in the Advisory Board by adding 2 new companies during the 2023-2025 school year.
 - ☐ STEM Academy students will increase pass rate for all STEM IBC exams attempted by 60% before August 2025.
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- I. Welcome/Celebrations/Introductions
- II. Academy Update (Sara Malloy)
 - a. Academy Recruitment, Update
 - i. HS Options application opened on October 21, closes December 2
 - ii. Initial numbers are above the year previously
 - iii. Recruitment efforts summary
 - b. Student presentation
 - i. Victor and LaDarius presented about the Cardboard Canoe Races that are scheduled for December 11, 2024 at Lee College
- III. New Business
 - a. P-TECH Application submission
 - i. Application and signatures are completed (deadline is November 15)
 - b. Meeting with the Texas CCRSM Coach
 - i. Assigned coach is Ginger Noyes (worked with us the last several years)
 - ii. Campus leadership/IHE will be meeting with state coach on Friday, November 15
- IV. Updates
 - a. Ambassador Update (Josh Pulliam)
 - i. P-TECH Spirit Week (9/30-10/4)
 - ii. Recruitment efforts supported (Baytown JS, Gentry JS, College & Career Night)
 - iii. STEM Academy t-shirt design
 - b. CTSO Update (Career & Technology Student Organizations)
 - i. Technology Student Association (Allen Brookreson)
 - 1. Meeting to discuss which competitions will be supported
 - 2. Fundraising t-shirt sales starting soon, will email link



- ii. Robotics (Johan Richards)
 - 1. Seven teams
 - 2. 1st competition will be December 7 at Pasadena CTE HS
- iii. Power Up Program - formerly WIT (Andrea Bechtel)
 - 1. Lamar University trip
 - 2. Upcoming plans & outreach event
- V. Advisory Goal
 - a. Add two new members to the Advisory Board
 - i. Any industry points of contact that may be interested, please send email to sara.malloy@gccisd.net
 - ii. Expanding advisory board to include the P-TECH programs (Maritime, Cosmetology)
- VI. Next Advisory Meeting
 - a. January 22, 2025
- VII. Q&A, Concerns