



**STEM ACADEMY
ADVISORY BOARD MEETING
WEDNESDAY, SEPTEMBER 18, 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
 - a. Cohort data was shared, an increase of 10% female enrollment exceeds one of our strategic priorities!
- II. Academy Update (presenter: Sara Malloy)
 - a. Overview Information (See attachment)
 - b. HS Options, recruitment starts October
 - c. College and Career Night, Oct 23
 - i. Hosted at Goose Creek Memorial
 - ii. Sign-up for table (<https://forms.gle/GUBTdT5jcR27Avf89>)
- III. New Business
 - a. Summer Bridge Wrap-up
 - i. Took place during fish camp, hard to separate STEM students from other
 - ii. Will plan for July 2025
 - b. New Student Liaison: Porche H.
 - i. Also serves as Ambassador President
- IV. Updates
 - a. Ambassador Update (sponsor: Josh Pulliam)
 - i. Upcoming recruitment dates
 - b. CTSO Update (Career & Technology Student Organizations)
 - i. Technology Student Association (sponsor: Allen Brookreson)
 - 1. Recruitment Meeting today
 - ii. FRC Robotics (REL coach: Adam Truncale)
 - 1. Recruiting
 - 2. Season Kick-off: January 2025



- iii. Power Up Program - formerly WIT (sponsor: Andrea Bechtel)
 - 1. Partnership with Texas A&M University Nuclear Power Institute
 - 2. Funds for college and industry trips, 1 outreach event
 - 3. Trips must focus on renewable or clean energy, nuclear technologies

- V. Advisory Goal
 - a. Add two new members to the Advisory Board
 - i. Talk to colleagues from other businesses that might be interested
 - ii. If interested, please share name and email with Sara Malloy for her to reach out
- VI. Next Advisory Meeting
 - a. November 13, 2024
- VII. Q&A, Concerns
 - a. None shared at this time