

SCTHS ADVANCED AUTOMOTIVE ACADEMY Advisory Board Meeting Minutes

SCTHS Mission: *The Mission of Stuart Career Tech High School is to **EQUIP** students with **ACADEMIC** and **CAREER OPPORTUNITIES** that successfully **PREPARE, EMPOWER, and PROPEL** our graduates into **THEIR FUTURE***

Advanced Automotive Academy Vision: **SCTHS ADVANCED AUTOMOTIVE ACADEMY GRADUATES** will **POSSESS** the **ACADEMIC KNOWLEDGE, EMPLOYABILITY TRAITS** and **TECHNICAL SKILLS** necessary to be **SUCCESSFUL IN THE COMMUNITY WE SERVE & BEYOND.**

Advanced Automotive Academy Mission: TBD

2025-2026 Goals:

- 1) Align 2 sponsors for CAR Show
- 2) Implement ceramic coatings in STAR repair strategies
- 3) Ensure growth in Academic vocabulary

Sept. 17th 2025 Meeting Minutes

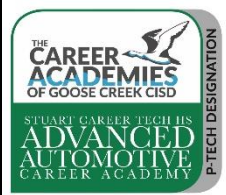
I. Welcome & Introductions

- a. Overview of the Academy and Pathways – Leia Miller

II. Approval of Minutes- Kami and Prentice

III. Jim Ornelas, Tim McCarty, Bryson Jyo

- a. Job Shadows- Jim- Students job shadow at Baytown Ford over summer, Carl(Franks Collision)- Offered student visits to experience their completed shop.Kami- Explained the importance of relationship between district and industry.
- b. Worksite insurance for students- Discussion between members on changes and requirements
- c. U.T.I. upcoming visit- Victor Rodriguez presented and spoke with students
- d. Automotive Senior projects- Binder record keeping, Engine rebuild, Senior car
- e. Collision Senior Projects- Ford Pickup, Honda Ridgeline,
- f. Diesel Senior projects- Running S.T.A.R Automotive (ordering parts, contacting customers and record keeping), Senior truck engine rebuild
- g. Kami-Senior mock interviews date/time TBD, confirmed Collision can purchase welders using 461 account.
- h. Osha 10 approval to be used in classroom TBD



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Sept. 17th 2025 Agenda

- I. **Welcome & Introductions**
 - a. Overview of the Academy and Pathways – Leia Miller
- II. **Approval of Minutes**
- III. **Teacher Talk – Jim Ornelas, Tim McCarty, Bryson Jyo**
 - a. Job Shadows
 - b. Worksite insurance for students
 - c. U.T.I. upcoming visit
 - d. Automotive Senior projects
 - e. Collision Senior Projects
 - f. Diesel Senior projects
- IV. **Student Corner**
 - a. Job shadowing takeaways
 - b. WBL update
- V. **Summer Events – Jimmy Ornelas**
 - a. CTE NEW Student experience
 - b. Baytown Ford Job Shadow
- VI. **Old Business**
 - a. Volunteers for Industry in the Classroom
 - i. Careers in the Automotive Industry / Hybrid Vehicles
 - b. Job Shadowing for Juniors and Seniors
- VII. **New Business**
 - a. Shop vehicles/training aids
 - b. Purchasing welders for Advanced automotive
- VIII. **Open Discussion/ Questions**
- IX. **Closing**

General Meeting Overview

- Meeting was recorded.
 - 6 students and 3 instructors attended.
 - Acknowledgment of limited attendance due to end-of-month dealership schedules (very busy).
 - Future meetings may be rescheduled to mid-month to improve turnout.
 - Meeting minutes were reviewed and approved.
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Current Instructional Topics

- **Freshmen:** Studying **electrical and electronics**.
 - **Sophomores:** Working on **engine repair** (includes electrical systems and PCM logic).
 - **Seniors:** Learning **drivetrain and axles**; many are also working in dealerships or on-site.
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Hands-On Learning & Shop Activity

- Emphasis on how real-world experience surpasses classroom theory.
 - Seniors are applying their skills at local dealerships and through on-site opportunities.
 - The shop also services cars for teachers, providing real customer service experience.
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Projects & Software

- Discussion of **storefront venture** and **software for invoicing**.
 - Students are learning through actual jobs — including diagnostics and brake repairs.
 - Plans to integrate new software tools into learning.
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SkillsUSA & Competitions

- One freshman student participated in the **SkillsUSA tool ID competition** but did not place.
- Goal is to better prepare for next year.
- A past standout student (Gilbert Longoria) made it to nationals and now works in diesel at \$30/hour.

Upcoming Events

- **Car show on March 22** – forms and flyers already sent out.
- **San Jacinto College Open House** – April 11; juniors and interested seniors to attend.
- **SAM Tech Speaker** – trying to arrange a car demonstration, but facing scheduling issues.

Post-High School Planning

- Seniors exploring options like **Universal Technical Institute** and **Select Technical Institute**.
- Discussion of study/work schedules for students preparing for technical school transitions.

Industry Partnerships

- **Brake Check and other employers** are eager to hire students due to high demand.
- Employers are willing to provide training pathways and certifications.
- Strong encouragement from industry to prepare students for immediate employment.

Certifications

- Planning to introduce **ASE industry certifications** soon.
- Discussion on preparing students for **state and national-level** testing.

Needs & Requests

- Program is looking for **more industry guest speakers**.
- Continuing to improve student engagement with opportunities like SkillsUSA.
- Industry support remains crucial for student placement and learning enrichment.

Advanced Automotive Academy Advisory Board Meeting

Wednesday, September 17, 2025

3:30 SCTHS

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