



Automotive CAREER ACADEMY DESIGN PLAN

2025-2026

I. Defined Mission & Goals

The career academy has a written definition of its mission, goals, and benchmarks. These are developed and available to the administrators, teachers, students, parents, advisory board, and others involved in the academy.

Goal 1	Align 2 Sponsors for Car Show.
Goal 2	The Advanced Automotive Academy Will Implement Ceramic coating into STAR repair strategies and have 10 customer this year.
Goal 3	Advanced Automotive Academy instructors will Ensure growth in the Academic vocabulary with 90% of students showing growth from the BOY test to the EOY test.

II. Academy Design

e. Small size, supportive atmosphere. The academy maintains personalization through limited size, academy staff teamwork (including counselors, librarian/media specialists, academy-based administrators, and other support staff), and a supportive atmosphere.

ENROLLMENT

	Ornelas/Auto Tech	Jyo / Diesel	McCarty / Collision
9 TH	13	8	7
10 TH	14	5	7
11 TH	4	8	7
12 TH	10	0	5
TOTAL	24	47	26

V. Professional Development and Continuous Learning

Since an academy places teachers and other adults into roles not normally included in their previous training, providing adequate professional development time, leadership, and support is critical.

a. Common Planning Time

The site administrator ensures that academy staff members are provided common planning time within the high school schedule for purposes of program coordination, curricular integration, business involvement, and resolution of student challenges.

PROFESSIONAL LEARNING COMMUNITY MEETING DATES

*you may enter schedule rather than actual dates (1st Monday, etc.)

	*DAY/DATE	LOCATION	TIME
9 th grade team	Tuesdays after school	SCTHS	TBD
10 th grade team	Tuesdays after school	SCTHS	TBD
11 th grade team	Tuesdays after school	SCTHS	TBD
12 th grade team	Tuesdays after school	SCTHS	TBD
Whole team	9/23/22, 11/11/22, 1/4/22, 2/8/22	SCTHS	TBD

c. Volunteer and parent orientation

Business, community, and post-secondary volunteers are adequately prepared for their roles as speakers, field experiences hosts, mentors, internship supervisors, etc. Parents are adequately prepared for their involvement, (if any), as classroom aides, field experience chaperones, social event organizers, and exhibition judges.

PARENT MEETINGS		
DATE	LOCATION-ACTIVITY	TIME
10 th -12 th PARENTS		TBD
NEW PARENTS		TBD
5/18/22-SCTHS Showcase	SCTHS	7:00 PM
12/13/21 -8 th Grade Parents	SCTHS	6:00 PM

VI. Governance and Leadership

a. Network of support

The academy is connected to an advisory board at the school level or the district level and has members from the district and high school administration, academy staff, employers and post-secondary education. It may also include community representatives, academy parents, and students.

ADVISORY Board Members			
Name	Representative Type	Contact Information	Auto, Diesel or Collision
James Hebert		james.hebert@baytownford.com	Auto
	Baytown Ford		
Jimmy Ornelas	Academy CTE Teacher	jimmy.ornelas@gccisd.net	Auto
Jennifer Guillory	District CTE	Jennifer.guillory@gccisd.net	
Leia Miller	District CTE	Leia.miller@gccisd.net	
Kami Johnston	District CTE	Kami.johnston@gccisd.net	
John Kirk	Snap On Industrial	John.E.Kirk@snapon.com	Auto
Luis Salazar	Community Representative	louisdieselservice@gmail.com	Auto
Logan Sewell	Community Honda	L.Sewell@mycommunityhonda.com	Auto
Jaime Ramon	District Representative	jaime.ramon@gccisd.net	Auto
Ron Crisp	Peterbilt	ron.crisp@paccar.com	Diesel
Curtis Crisp	Peterbilt	curtis.crisp@paccar.com	Diesel
Josselyn Cruz	Community Collision	josselyn_cruz@communitytoyota.com	Collision
Lee Bates	Bates Collision	leebates@batescc.com	Collision, Auto
Mitch Davisson	Rush Enterprises	davissonm@rushenterprises.com	Diesel
Ron Crisp	PACCAR.net	ron.crisp@paccar.com	Diesel
Ben	Franks Collision	ben@frankscr.com	Collision
Mark Kanitz	Rush Enterprises	KanitzM@rushenterprises.com	Diesel

b. Regular meetings

Meetings of the advisory board are held at least quarterly, with defined agendas, outcomes and meeting minutes. The advisory board helps to set policies for the academy. It also serves as a center of resource development.

ADVISORY BOARD MEETING DATES

DATE	LOCATION	TIME
9/17/25	SCTHS Automotive Building or Hybrid	3:15 pm
11/19/25	SCTHS Automotive Building or Hybrid	3:15 pm
2/25/26	SCTHS Automotive Building or Hybrid	3:15 pm
5/13/26	SCTHS Automotive Building or Hybrid	3:15 pm

d. A student voice

Students have avenues through which they can provide input to the academy policies and practices, thus providing opportunities for student leadership such as through Career and Technical Student Organizations (CTSOs).

CAREER & TECHNICAL STUDENT ORGANIZATION / AMBASSADORS

Organization	Sponsor(s)
SkillsUSA	Bryson Jyo, Jim Ornelas, Timothy McCarty

*See shared drive for CTSO guidelines.

NSOP VII. Teaching and Learning

The teaching and learning within an academy meets or exceeds external standards and college entrance requirements while differing from a comprehensive high school by focusing learning around a career theme.

a. Sequenced, integrated, and relevant curriculum

Curriculum articulates from the beginning of an academy through the senior year with a defined course sequence and at least three core academic classes and one career/theme class each year. Curriculum is integrated among the academic classes and between these and the career class. Learning illustrates applications of academic subjects outside the classroom, incorporates current technology and 21st Century Skills, and includes authentic project-based learning.

INTEGRATED ACADEMICS/COHORT PLAN

	CTE SUBJECT/TEAC HER(S)	MATH	SOCIAL STUDIES	ENGLISH	SCIENCE	HISTORY
	Jim Ornelas Bryson Jyo Tim McCarty	McBride	Bryson	Lee	Brock	Billings

VII e. Dual credit options

Options for post-secondary credit exist in a variety of ways and may include articulation agreements, dual credit and/or college credit for upperclassmen, concurrent credit, transcribed credit, AP, AICE and IB credit. The academy articulates its upper level curriculum with relevant post-secondary programs.

DUAL CREDIT/ CERTIFICATIONS PLAN

***Enter "NA" into any field that is not applicable.**

	POST-SECONDARY EXPERIENCE			CAREER EXPERIENCE		
	Dual Credit Course Or Experience Date	Dual Credit Course Or Experience Date	Dual Credit Course Or Experience Date	Certification Test	Projected Date	Responsible person

9 TH	Intro to Automotive Technology-Fall 2025 Automotive Basic Systems-Fall 2025	Electrical Systems-Spring 2026 Auto Electronics-Spring 2026		ASE G1 (Maint. & Light Repair)/ Brakes, Steering & Susp. Electrical/ Electronic Systems	Dec 2025/May 2026	Bryson Jyo Tim McCarty
10 TH	Auto. Susp. & Steering-Fall 2025 Auto. Brake Systems-Fall 2025	Engine Repair-Spring 2024 Climate Control-Spring 2026		609 HVAC/ Engine Repair/ Heating & Air Conditioning/ Suspension & Steering/ Brakes	Dec 2025/May 2026	Jimmy Ornelas Bryson Jyo Tim McCarty
11 TH	Automotive Engine Perf. Analysis I-Fall 2025	Automotive Engine Perf. Analysis II-Spring 2026		Engine Performance	May 2026	Jimmy Ornelas Bryson Jyo Tim McCarty
12 TH	Auto Drivetrain & Axles-Fall 2025 Auto Engine Perf. Analysis I-Fall 2025	Automotive Engine Perf. Analysis II-Spring 2026		Manual DriveTrain and Axles	May 2026	Jimmy Ornelas Bryson Jyo Tim McCarty

g. Participation in a capstone project.	
The senior year capstone project is reflective of the academy in which students are participating.	
SENIOR SHOWCASE / CAPSTONE PLAN	
*This event should take place after all students are accepted and all incoming students and parents should be invited. This will serve as a “get them excited” about being a part of the academy with the intention to reduce attrition of incoming 9th grade students.	
Date	Activity/Partnership Description
May 2024	Senior Showcase/Business Plan & Implementation of Maint. & Light Repair Shop

VIII. Employer, Post Secondary Education, and Community Involvement

b. Community involvement

Representatives of employers, post-secondary education, and the community help to guide the academy's curriculum, and provide experiential components such as guest speakers, real-world projects field experience sites, shadowing opportunities, mentors, student internships, community service opportunities, college and other post-secondary education tours, as well as teacher externships.

ACADEMY EXPERIENCE PLAN *

	POST-SECONDARY EXPERIENCE			CAREER EXPERIENCE		
	Experience	Projected Date	Leader	Experience	Projected Date	Leader
9 TH	UTI (Universal Tech. Institute) Speakers in Class	Spring 2026	Jimmy Ornelas Bryson Jyo Tim McCarty	Discount Tire Houston Baytown, TX	TBD	Jimmy Ornelas Bryson Jyo Tim McCarty

10 TH	San Jacinto-Specific Manuf ature Speakers in Class	Spring 2026	Jimmy Ornelas Bryson Jyo Tim McCarty	Discount Tire Houston Baytown, TX	TBD	Jimmy Ornelas Bryson Jyo Tim McCarty
11 TH	UTI Tour	Spring 2026	Jimmy Ornelas Bryson Jyo Tim McCarty	Discount Tire Houston Baytown, TX Bates collision Frank's Collision	Spring 2026	Jimmy Ornelas Bryson Jyo Tim McCarty
12 TH	San Jacinto Tour/School of Auto Machinist (SAM Tech) Tour	Spring 2026	Jimmy Ornelas Bryson Jyo Tim McCarty	Community Toyota - Honda - Kia, Baytown Ford, Assembly Plant-SA, TX	Spring 2026	Jimmy Ornelas Bryson Jyo Tim McCarty

*Reference CTE Learning Framework for Grade Level Expectations

ACTIVITIES FOR INCOMING 9 TH GRADE STUDENTS	
Date	Activity
TBD	PARENT MEETING BETWEEN ACCEPTANCE LETTERS AND RETURNING AGREEMENT
5/31/2026	CTE Experience
5/11/2026	EARLY SPRING ACTIVITY FOR THE INCOMING STUDENT COHORT (Invitations to academy showcase, meet and greet, etc.)
TBD	Open House
TBD	Class Meeting
SUMMER BRIDGE ACTIVITIES	
Date	Activity/Partnership Description
5/31/2026	CTE Experience
05/30/2025 - 06/02/2025	Summer Bridge