



INFORMATION TECHNOLOGY 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	100% of IT Academy Seniors will complete a senior capstone project and present to industry partners.
Goal 2	IT Academy students will staff the IT Academy Service Counter at least two periods a day throughout the 2025-26 school year.
Goal 3	100% of IT Academy seniors will obtain an Associate of Applied Science degree.

II. Academy Design

An academy has a well-defined design within the high school, reflecting its status as a small learning community.

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	
9 TH	20 (24)
10 TH	18 (24)
11 TH	15 (15)
12 TH	12 (12)
TOTAL	65 (75)

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			
MEETING TYPE	DAYS	LOCATION	TIME
House	2 nd & 3 rd Thursday	SCTHS	2:55-3:25
Grade Level	4 th Thursday	SCTHS	2:55-3:25
Faculty	1 st Thursday	SCTHS	2:55-3:25

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
5/18/25	SCTHS - Student Showcase	7:00 PM
12/13/25	SCTHS - 8 th Grade Parents	6:00 PM

VI. Governance and Leadership

The academy has a governing structure that incorporates the views of all stakeholders and the leaders of the advisory board.

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
Kevin Billings	District - Administration	kevin.billings@gccisd.net
Matt Flood	District - Administration	matthew.flood@gccisd.net
Steve Koester	District - Administration	Steve.koester@gccisd.net
Lisa Vavricka	Campus - Administration	Lisa.vavricka@gccisd.net
Shonna Prentice	Campus - Administration	shonna.prentice@gccisd.net
Joi Green	Campus - Counseling	joi.green@gccisd.net
Leia Miller	District - CTE	Leia.miller@gccisd.net
Jennifer Guillory	District - CTE	Jennifer.guillory@gccisd.net
Kami Johnston	District-CTE	Kami.johnston@gccisd.net
Ashley Puryear	Teacher - Academy Academic	ashley.puryear@gccisd.net
Ian Sobczak	Teacher - Academy CTE	ian.sobczak@gccisd.net
Heather Fregia	Parent	heatherfregia@msn.com
Tadeo Garcia	Student - Sophomore	tadgarcia404@student.gccisd.net
Zach Rosado	Student - Junior	zacrosado403@student.gccisd.net
Priscilla Sanchez	Post-Secondary - Lee College	psanchez@lee.edu
Ofelia Ferman	Post-Secondary - Lee College	ofelia.ferman@gccisd.net
Steven Saunders	Post-Secondary - Lee College	stsanders@lee.edu
Jordan Salazar	Post-Secondary - Lee College	jsalazar@lee.edu
Victoria Hart	Post-Secondary - Lee College	vhart@lee.edu
Lisa Lacher	Post-Secondary - UHCL	lacher@uhcl.edu
Robert Kyslinger	Industry Partner - OMNIPOTECH	robert@kyslinger.com
Kevin Boatswain	Industry Partner - City of Baytown	kevin.boatswain@gccisd.net
Sean Osborn	Industry Partner - Chevron Phillips Chem	osborsm@cpchem.com
Alex Garza	Industry Partner - City of Baytown	Alex.garza@baytown.org
Craig Peikert	Industry Partner - Chevron Phillips Chem	craig.peikert@cpchem.com
Sal Figueroa	Industry Partner - ExxonMobil	salvador.a.figueroa@exxonmobil.com
Maha Panangipalli	Industry Partner - AOF Engineering Systems	aofenggsys@gmail.com
Prasad Vangala	Industry Partner - AOF Engineering Systems	prasad.vangala5@gmail.com
Cason Nile	Industry Partner – Prime Systems	cason.nile@primesystems.com
Robert Ye	Industry Partner – Prime Systems	Robertye@primesystems.com
Angelo Fajardo	Industry Partner – Prime Systems	angelof@primesystems.com
Karen Fuller	Industry Partner – Prime Systems	Karen.fuller@primesystems.com

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
09/03/25	SCTHS Media Center Conference Room	3:30 – 4:30
11/05/25	SCTHS Media Center Conference Room	3:30 – 4:30
02/04/26	SCTHS Media Center Conference Room	3:30 – 4:30
04/29/26	SCTHS Media Center Conference Room	3:30 – 4:30

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	Ian Sobczak

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 ACADEMY TEACHER	ACADEMIC ENGLISH TEACHER	ACADEMIC MATH TEACHER	ACADEMIC SOCIAL STUDIES TEACHER	ACADEMIC SCIENCE TEACHER
	Ian Sobczak	Jerry Shafer	Ashley Puryear	Lawrence Williams	Ethan Landers

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

	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	BCIS 1305	CPMT 1411	IMED 1316	N/A	08/11/2025 – 05/22/2026	Ian Sobczak
10 TH	ITNW 1425	ITSC 1416	ITNW 2412	N/A	08/11/2025 – 05/22/2026	Ian Sobczak
11 TH	ITSY 1442	ITNW 2453	ITCC 1408	N/A	08/11/2025 – 05/22/2026	Ian Sobczak
12 TH	ITDF 1400	CPMT 2488	ITSE 1402	N/A	08/11/2025 – 05/22/2026	Ian Sobczak

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

Date	Activity/Partnership Description
05/06/2025	Capstone/Mock Interviews

VIII. Employer, Post Secondary Education, and Community Involvement

A career academy links high school to its host community and involves members of the employer, postsecondary education, and civic community in certain aspects of its operation.

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	Virtual Tour - Lee College	Spring 2026 ~January 21	Sobczak	Industry Chats	Fall 2025 ~October 22	Sobczak
10 TH	College Tour - UH Clear Lake	Fall 2025 ~October 29	Sobczak	Worksite Tour - City of Baytown	Spring 2026 ~March 26	Sobczak
11 TH	College Tour - UH Downtown	Spring 2026 ~February 19	Sobczak	Job Shadowing - City of Baytown	Fall 2024 ~November 20	Sobczak
12 TH	College Tour - UH	Fall 2025 ~December 20	Sobczak	Practicum – GCCISD CTS	Fall 2025 - May 05 2026	Sobczak

ACTIVITIES FOR INCOMING 9TH GRADE STUDENTS

Date	Activity
5/28/2025	CTE Experience-SCTHS
05/28/2025	

SUMMER BRIDGE ACTIVITIES

Date	Activity/Partnership Description
TBD	Summer Bridge

Notes: