

SCTHS INFORMATION TECHNOLOGY ACADEMY Advisory Board

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***

Information Technology Academy Vision: The Information Technology Career Academy graduates are critical thinking problem solvers, engaged in real-world experiences and prepared for college and careers.

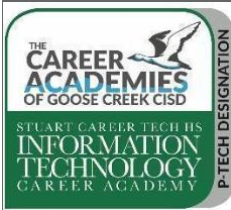
Information Technology Academy Mission: The Information Technology Career Academy will engage students in critical thinking and high-level academic courses in an environment that is student-centered, technologically enriched and respects and supports all learners. We will provide students with the knowledge, skills and real-world experience in computer maintenance, networking and cybersecurity to be successful in their post-secondary pursuits.

2025-2026 Goals:

- 1) 100% of IT Academy Seniors will complete a senior capstone project and will present their project to industry partners.
- 2) IT Academy students will staff the IT Academy Service Counter at least two period a day throughout the 2025-26 school year.
- 3) 100% of IT Academy seniors will obtain an Associate of Applied Science degree.

September 03, 2025 Agenda

- I. **Welcome & Introductions – Alex Garza**
- II. **Approval of Minutes – Alex Garza**
- III. **Teacher Talk – Ian Sobczak**
 - a. Goals
 - b. Important Sobczak Info
 - c. Seniors – PRIME Job Shadowing
 - d. Juniors - UH Downtown Campus Field Trip
 - e. Sophomores – CoB Technology Tour
 - f. TitanFest
 - g. SCTHS Career Fair
 - h. Seniors – Mock Interviews
 - i. CPMT 1443 – Microprocessors
 - j. Important Dates & Field Trip Costs
- IV. **Student Corner - Student**
- V. **Old Business – Alex Garza**
 - a. Freshmen – Lee College Virtual Tour
- VI. **New Business – Alex Garza**
 - a. Senior Practicum Updates
 - b. Lee College Student Workers
- VII. **Open Discussion – Alex Garza**
- VIII. **Closing - Alex Garza**



SCTHS INFORMATION TECHNOLOGY ACADEMY

Advisory Board Minutes 4-29-26

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I. Approval of Minutes

- A motion to approve the minutes from the previous meeting was made by **Shonna Prentice**.
- The motion was seconded by Katherine Hull and approved unanimously by the board.

II. Mission & Goals Update

The IT Career Academy mission was reaffirmed: to engage students in critical thinking and high-level academics within a technologically enriched environment.

- **Senior Capstones:** 100% completion goal. Presentations to industry partners are scheduled for **Tuesday, May 5**.
- **Service Counter:** Students continue to staff the IT service counter for at least two periods daily.
- **Associate Degrees:** The academy continues to push for 100% of seniors obtaining their Associate of Science degree. Currently all seniors are on track to receive their associate degree.

III. Academy Activities Recap

- **Prime Job Shadowing:** Seniors visited Prime facilities. Activities included hardware repair (taking apart/fixing Chromebooks) and observing technician stations.
- **University Visits:** Juniors toured the **University of Houston Downtown**, highlighting the urban campus and downtown views.
- **City of Baytown Technology Tour:** Sophomores visited the forensics labs, drone division, and collision reconstruction units. They also toured the **Baytown Library**, noting the 3D printing lab, VR equipment, and professional podcasting suite.
- **Titan Fest & Career Fair:** Successful turnout; noted that the event coincided with "Star Wars Day."
- **Soldering Course:** Students completed a project assembling "LED bugs" and configured security cameras using Raspberry Pi units.

IV. Old Business

- **Virtual College Tour:** Ms. Furman provided an update on the freshman virtual tour. Plans include a 360-degree camera walkthrough of the library, tutoring centers, and computer labs to help students navigate resources before they arrive on campus.
- **Student IDs:** Discussion held on streamlining the ID process for students; the tour will emphasize where and how to get these quickly.

V. New Business

- **Certifications:** The board discussed shifting the senior schedule to focus on **A+ Certification**. The proposed model includes interning on Tuesdays and dedicated A+ study on Thursdays and Fridays.
- **Testing Accessibility:** CompTIA is updating parental consent policies for minors, which will simplify the process for students to take certification exams. The district is looking into busing students to testing centers.
- **Student Employment (Lee College):** Discussion regarding a program where the college pays students to work on campus (e.g., HR, Admissions, or IT support).
 - *Action Item:* Investigate job descriptions and supervisor requirements to see if IT students can be paid for work-study or practicum roles on campus.

VI. Open Discussion

- A success story was shared regarding a student (Wally) who assisted in culinary, doing tech work.

VII. Closing

The next major event is the **Senior Capstone Presentations on May 5.**

Meeting Adjourned: 4:51 PM moved by Shonna Prentice and seconded by Kami Johnston.



Academy of Information Technology

Stuart Career Tech High School

Welcome & Introductions



Approval of Minutes

- Minutes attached to calendar invite.



Teacher Talk

Mission

The Information Technology Career Academy will engage students in critical thinking and high-level academic courses in a student-centered, technologically-enriched environment that respects and supports all learners. We will provide students with the knowledge, skills, and real-world experience in computer maintenance, networking, and cybersecurity to be successful in their post-secondary pursuits.

Teacher Talk - Goals

- 1) 100% of IT Academy Seniors will complete a senior capstone project and will present their project to industry partners.
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Teacher Talk

- Important Sobczak Info
- Seniors - PRIME Job Shadowing - February 18, 2026
- Juniors - UD Downtown - February 25, 2026
- Sophomores - CoB Technology Tour - March 18, 2026
- TitanFest - March 21, 2026
- SCTHS Career Fair - March 27, 2026
- Seniors - Mock Interviews – April 8, 2026?
- CPMT 1443 Update
- Important Dates

Teacher Talk - Sobczak is 40!



Teacher Talk – PRIME Job Shadowing



Teacher Talk – PRIME Job Shadowing



Teacher Talk - UH Downtown Campus Field Trip



Teacher Talk - UH Downtown Campus Field Trip



Teacher Talk – Sophomore CoB Technology Tour



Teacher Talk – Sophomore CoB Technology Tour



Teacher Talk – TitanFest



Teacher Talk – TitanFest



Teacher Talk – TitanFest



Teacher Talk – TitanFest



Teacher Talk – TitanFest



SCTHS Career Fair



The poster features a green starburst graphic in the top left corner with the text "Help our 'A' rated campus maintain our Post-Secondary Readiness Distinction!". To the right is a silhouette of a graduate in a cap and gown. The background shows a blurred image of a career fair. The main title "Spring 2026 SCTHS AVID COLLEGE FAIR" is prominently displayed in white text on a green background. Below this, the date and time "Friday, March 27, 2026 8:00 AM - 2:00 PM" and the location "Stuart Career Tech High School" are listed. The AVID logo and a circular logo with a torch and book are also present. A white box on the right contains the registration deadline: "PLEASE REGISTER BY MARCH 20th TO BE A PART OF THIS EVENT". At the bottom left, under "MORE INFORMATION", are three email addresses: Kelsey Sparkman at kelsey.sparkman@gccisd.net, Kathrine Hull at kathrine.hull@gccisd.net, and Joi Green at joi.green@gccisd.net. A QR code is located in the bottom right corner.

Help our "A" rated campus maintain our Post-Secondary Readiness Distinction!

Spring 2026
SCTHS AVID
COLLEGE FAIR

Friday, March 27, 2026
8:00 AM - 2:00 PM
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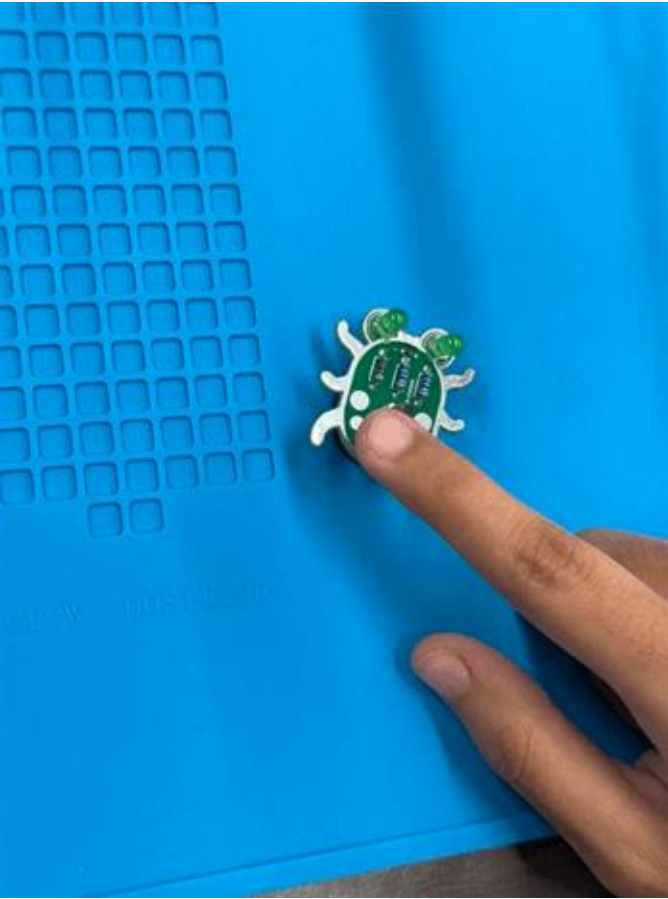
MORE INFORMATION

Kelsey Sparkman at kelsey.sparkman@gccisd.net
Kathrine Hull at kathrine.hull@gccisd.net
Joi Green at joi.green@gccisd.net

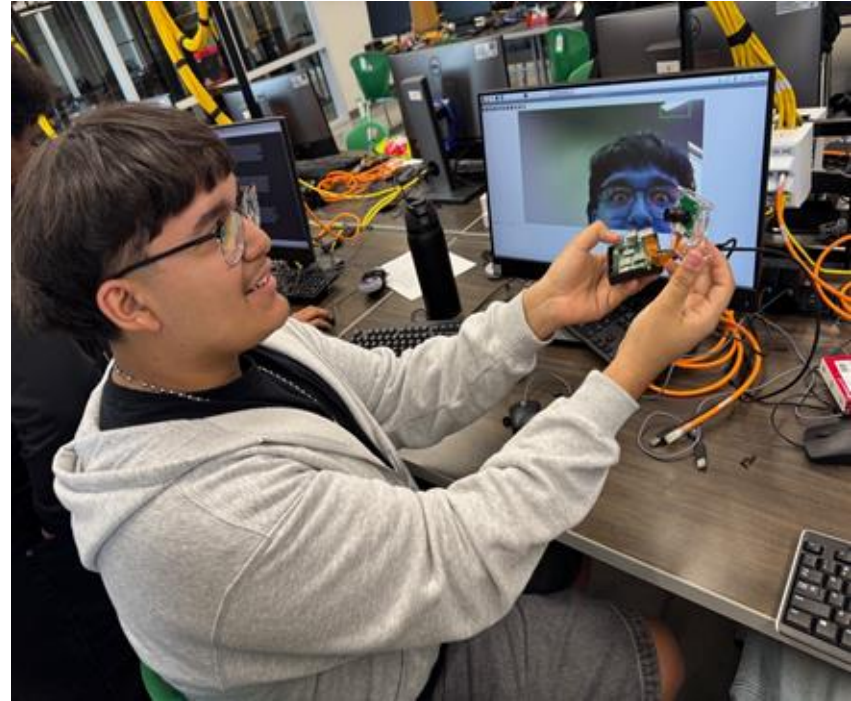
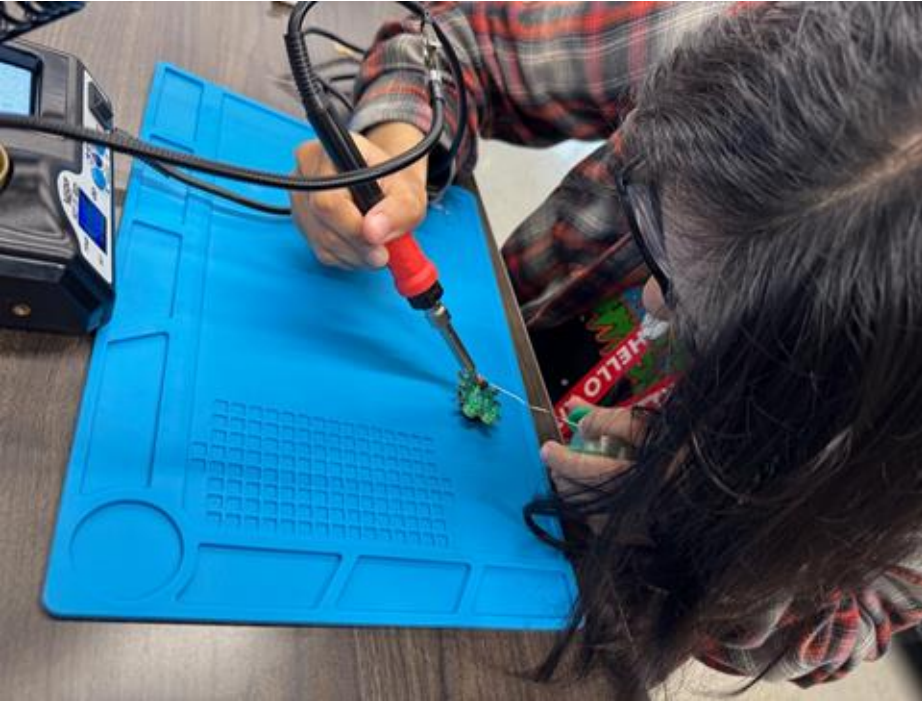
Teacher Talk – SCTHS Career Fair



Teacher Talk - CMT 1443 Microprocessors



Teacher Talk - CMT 1443 Microprocessors



Teacher Talk - Important Dates

- Seniors - Capstone Presentations - May 06, 2026

• Old Business

- Freshmen - Virtual Lee College Tour? - ~January 21, 2026

• New Business

- Senior Practicum Updates
 - A+ Focus
 - Tuesday Interning, Thursday & Friday A+ Prep
 - TMS will work with all students that get certified
 - CompTIA is making changes this summer to their parental consent for minors
- Lee College Student Workers

• Open Discussion

Questions?

Mr. Sobczak

ian.sobczak@gccisd.net

Future Meetings for 2025-2026

- All done!

NSOP 1

- **NSOP 1. Defined Mission and Goals.** The career academy has a written definition of its mission, goals, and benchmarks. These are developed by and available to the administrators, teachers, students, parents, advisory board, and others involved in the academy. These include at least the following elements: connect college and career; raise and maintain student aspirations; increase student achievement; a commitment to equity.

a. College and career connections. A career academy's aim is to prepare all students for post-secondary education and careers. Academies enable students to complete post-secondary entrance academic requirements while exposing them to a vertical segment of the occupations within a career field, encouraging them to aim as high as they wish.

b. Student aspirations. An academy seeks to raise, maintain, and increase the level of students' motivation while in high school by giving a focus to the program of studies that reflects their own talents, aspirations, and interests. Continued personal awareness and exploration, along with curriculum and experiential components and extra-curricular choices, also help to provide guidance. The biggest limiting factor in many youths' future plans is not ability, but how they perceive their future.

● NSOP 1 continued...

c. Student achievement. So as not to become either a bastion of top performers or a dumping ground for unsuccessful students, an academy provides support to all of its students to maintain and increase their achievement in high school. This support comes through close relationships with teachers and fellow students, rigorous and relevant curriculum, and experience with career and education options outside the high school, including a strong focus on personalization with a collaborative environment for all stakeholders.

d. Commitment to equity. Each school ensures that the career academy intentionally reflects the diversity and strengths of its school, community, and district, and the grouping of its students is heterogeneous flexible, and equitable. The academy is equitably accessible to and serves any interested student, regardless of race, ethnicity, gender, sexual orientation, socioeconomic status, special needs, or prior academic level.

e. Stakeholder involvement. Stakeholders involved in the career academy have developed the mission and goals. Additionally, there are clear benchmarks for assessing how the mission and goals are met.

NSOP 2

- **NSOP 2. Academy Design.** An academy has a well-defined structure within the high school, reflecting its status as a small learning community.

a. Cross-grade articulation. The academy incorporates a two-, a three-, or an overall four-year experience, ending in the senior year, with articulation in its teacher team, curriculum, and instruction across grade levels. An introduction to the academy's encompassing career exploration precedes the academy experience. The academy must have a clear program of study that includes a definitive course sequence.

b. Student selection. Entry into the academy is voluntary and accessible to every student. The recruitment/selection process is written and widely available. New students are provided an orientation to the academy based upon their own talents, aspirations, and interests. Parents or guardians participate in this process and approve of the choice made by their son or daughter. Academy enrollment reflects the general high school population, including students with disabilities and English language learners.

c. Cohort scheduling. Academy classes consist of academy students who take a series of classes together each year. The academy students take at least two courses per grade level as a cohort with at least 80% of the enrollment in these courses academy students.

d. Physical space. Where possible, both academic and career and technical (CTE) academy classrooms are near each other in the high school building. Rooms allow for flexible configurations required by project-based learning

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.

NSOP 3

- **NSOP 3. Host Community and High School. Career academies exist in a variety of district and high school contexts, which are important determinants of an academy's success.**
- **a. Support from the Board of Education and Superintendent.** Academies are an integral part of the high school improvement strategy for the district and school choice options. The district Board of Education is aware of the academy and its mission and goals, and is on public record in support. Likewise, the Superintendent publicly endorses the academy and offers active support. Both serve as academy liaisons to the broader community and encourage coordination of similar academies across the district.
- **b. Support from the principal and high school administration.** Academies are an integral part of the school improvement strategy. The high school principal and other administrators are knowledgeable about the academy, advocate for it publicly, and are actively involved in its funding, staffing, and support. They contribute to a positive academy profile within the high school.
- **c. Adequate funding, facilities, equipment, and materials.** District and high school administrative support results in appropriate academy scheduling, adequate academy funding, facilities, equipment, and learning materials. Support also advances opportunities for student internships, early college and career, and technical training. These reflect a serious commitment from the community, district, and high school to the success of the academy.

NSOP 4

- **NSOP 4. Faculty and Staff. Appropriate staff selection, leadership, credentialing, and cooperation are critical to an academy's success.**
- **a. Teacher Leader(s)/Coordinators.** One teacher (sometimes two) and a dedicated school administrator take the lead, serving as the Academy Coordinators. They attend advisory board meetings, interact with school administrators and board members, manage the budget, help to coordinate teacher professional development, and co-ordinate employer, higher education, and parental involvement. Release time and/or a stipend may be provided for this role.
- **b. Academy staff.** Academy staff is credentialed in their field, work in the academy, and are committed to its mission and goals. Since a career academy's success rests on good teaching and good teamwork among a cross disciplinary group of staff, they must be well qualified and willingly involved in this role. They understand and support the philosophy and purpose of the academy, work together as a team, and teach a majority of their classes in the academy. The academy staff design instruction and curriculum around a career academy theme and cooperatively shares the duties of operating an academy.
- **c. Support from the counselors, non-academy teachers, and classified staff.** Counselors are members of the academy team, are well versed in the theme of their dedicated academy, and are experts in supporting post-secondary and career opportunities within the academy theme. They understand the need for cohort scheduling and ensure academy students are scheduled appropriately. Non-academy staff are also important to its operation. They understand the value of the academy and help in recruiting students for the academy and providing departmental support. Classified staff help support the academy facilities, equipment, and learning materials.

Information Technology Academy Advisory Board Meeting

4/29/2026

SCTHS Media Center

<u>Name</u>	<u>Company/Organization</u>	<u>Phone Number</u>	<u>Email Address</u>
Kami Johnston	GCCISD CTE		
Jennifer Guillory	GCCISD CTE		
Sharon Prentice	SCTHS		
Lisa Vauricka	SCTHS		
Ian Solv	SCTHS		
Hun Ming	IT		
Joi Green	SCTHS		
Cason Nile	Prime		
Sal Figaroa	Exon		
Karen Fuller	Prime		
Ofelia Ferman	Lee College		
Kylie Sobczak			