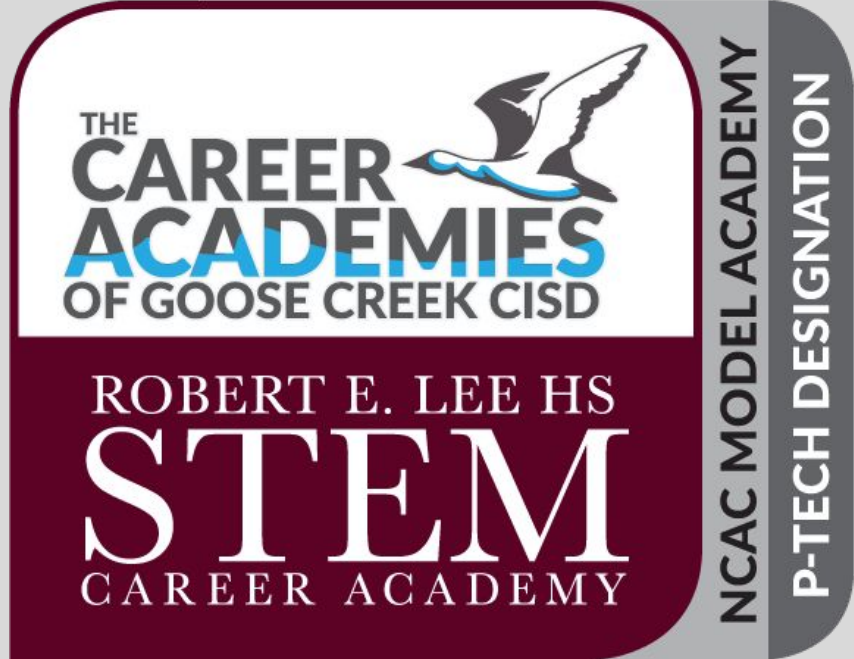


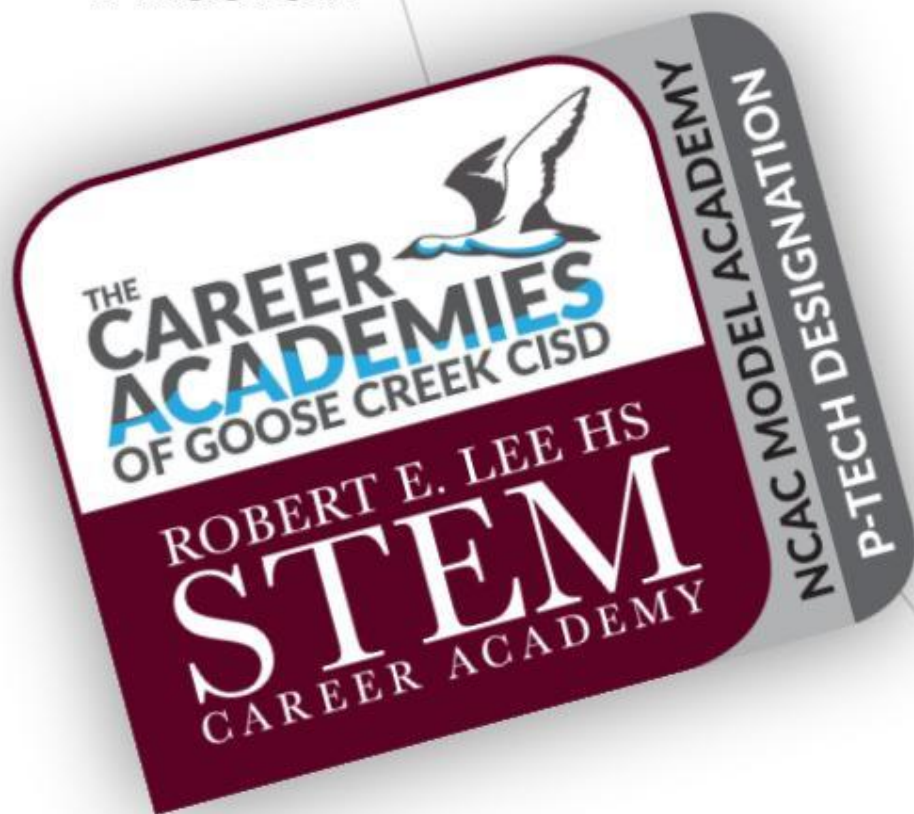
Thursday,
October 2, 2025

Welcome!

Andree Torres -
CTE Specialist



Mission



Inspiring students to **problem-solve, innovate** and **transform** their communities.

Preparing students for **college** and **careers** as **scientists, technologists, engineers and mathematicians** in a global society.



National Career Academy Coalition

COLLEGE CAREER LIFE

National Standards of Practice

I

Defined Mission & Goals

The career academy has a written mission, goals, and benchmarks. These include at least the following elements: connect postsecondary education and career; raise and maintain student aspirations; increase student achievement; show a commitment to equity.

II

Academy Design

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

III

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.

IV

Faculty and Staff

Appropriate staff selection, leadership, credentialing and cooperation are critical to an academy's success.

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 are critical



National Career Academy Coalition

COLLEGE CAREER LIFE

National Standards of Practice

VI

Governance and Leadership

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

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 theme.

VIII

Employer, Post-Secondary Education, and Community Involvement

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

IX

Student Assessment

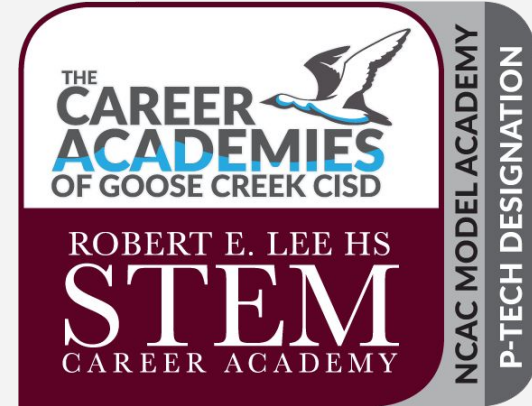
Improvements in student performance are central to an academy's mission. It is important to gather data that reflect whether students are showing improvement and to report these accurately and fairly to maintain the academy's integrity.

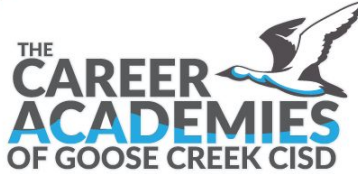
X

Sustainability

No new academy functions perfectly. Even well established and highly functioning academies benefit from self-examination and refinement. Ensuring and improving the quality of a career academy requires engaging in a regular cycle of improvement.

Questions?





ROBERT E. LEE HS
STEM
CAREER ACADEMY

NCAC MODEL ACADEMY
P-TECH DESIGNATION

P-TECH Benchmarks

Pathways in Technology Early College High School Blueprint

The Blueprint identifies six benchmarks which serve as the foundational elements of the model and describes essential design elements for each benchmark.

The Blueprint outlines the required design element artifacts to be published publicly and made available to TEA upon request.

The Blueprint defines outcomes-based measures (OBMs) for required data indicators related to access, achievement, and attainment.

Benchmarks:

1. School Design

2. Partnerships

3. Target Population

4. Academic Infrastructure

5. Student Supports

6. Work-Based Learning

Academy Expectations

Grade Level PLC

- Grade level teams meet 1 time per week
- Whole group 1x per 9 weeks
- Interdisciplinary planning
- Student data
 - How do AC students compare to regular
 - Student grade & attendance issues
- Meeting minutes in Google Shared Drive

Project Based Learning

- Resources in Google Shared Drive

Interdisciplinary Planning

- Common Themes & Concepts
- Big Ideas
- Universal Skills

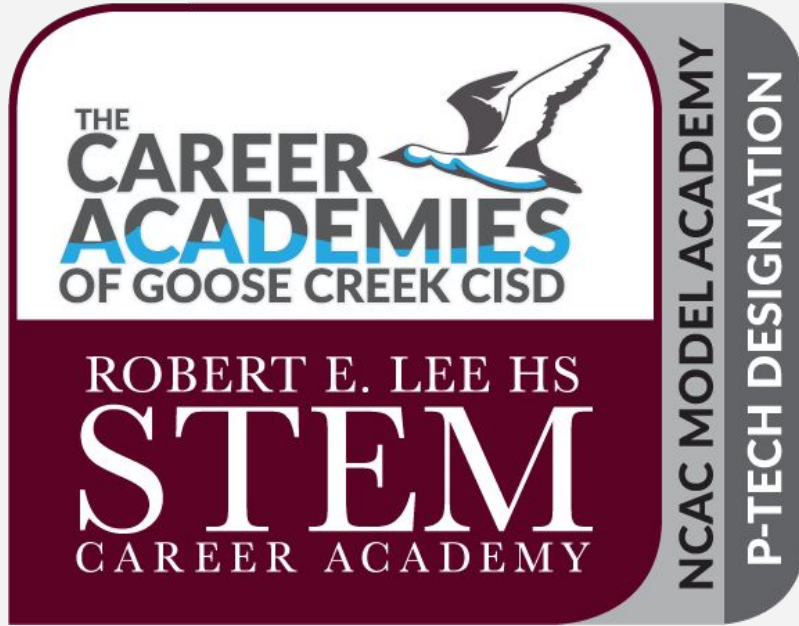
Experiences

- Guest Speakers
- Field Trips
- Career topics in core classes
- Relevant projects

Grade Level PLC Expectations

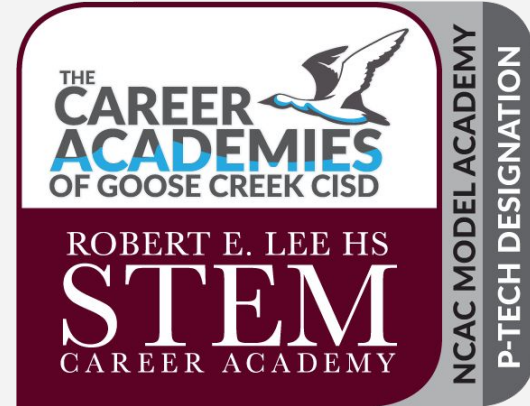
1. First meeting
 - a. Develop norms
 - b. Establish template you will use
2. Record meeting minutes using templates in Shared Google Drive
3. Prepare in advance
 - a. Complete planning wheel with your upcoming standards
 - b. or other planning method
4. During meeting, find/talk about common Big Ideas, Common Skills, Common Concepts (use AI)
5. Plan how to incorporate themes (STEM) into core courses
 - a. Articles on topic
 - b. Skills needed to work in career
 - c. Technical writing skills
 - d. Word problems or data sets (math/science) relating to career
 - e. Highlighting historical events related to field
6. Discuss struggling students & intervention plans
7. Discuss successful students

Grade Level PLC Roles



1. Leader
 - a. create agenda, facilitate meeting
2. Time Keeper
 - a. time management, keep meeting on topic
3. Secretary
 - a. take notes/minutes, remind of meetings

Questions?



Action Items

1. Email Grade Level Groups
2. Determine Day and Time
 - a. Due 10/10
3. Agenda Template will be shared
 - a. First Meeting
 - Norms/Expectations
 - Roles
4. Grade Level PLCs begin 2nd 9 Weeks
 - a. Week of 10/20

Thank you!

THE
**CAREER
ACADEMIES**
OF GOOSE CREEK CISD



ROBERT E. LEE HS
STEM
CAREER ACADEMY

NCAC MODEL ACADEMY

P-TECH DESIGNATION



GOOSE CREEK CISD  ROBERT E. LEE HS