

P-TECH

ACADEMY

AT SUMMIT
HIGH SCHOOL

Jason Mutterer

Principal Summit High School

Lesley Hash

Principal Summit PTECH

Introductions

Staff Supporting PTECH

Dr. LeighAnn Tamplen

Director of CTE and CCMR

Jennifer Castrillo

Post Secondary Readiness

Sarah Buckner

CTE Counselor



Fernando Benavides

Executive Director of High Schools

Jennifer Young

Associate Superintendent,
Curriculum, Instruction & Accountability



What Is PTECH Academy?

- Earn tuition-free college credit through Tarrant County College. Not an associates degree program.
- Earn industry-based certifications that will help you enter the workforce career ready leaving high school.
- Participate in work-based learning opportunities such as job shadowing, internships, and mentorships with our industry partner, Mouser Electronics.
- Opportunity to earn a Level I Certificate in programming or Cybersecurity Specialist that will help you enter the workforce career-ready.



P-Tech Academy Information

- The freshmen class will begin in August 2024 and will add an additional grade level each year.
- Each grade level will accept up to 50 students. After 4 years, there will be a total of up to 200 students.
- Admission into Summit PTECH Academy is based upon available space and requires a transfer application through Student Services. Transportation will be provided to the Summit PTECH.
- Applications for the Summit PTECH Academy will be accepted beginning December 2023. Any incoming 9th grade student will be eligible to apply.

Why this speciality?

According to the Bureau of Labor Statistics, software developers and programmers have a higher than average job outlook and are occupations that are expected to grow 25 percent in the next 10 years.

- Software developers can earn \$120,730 per year
- Computer Programmers can earn \$93,000 per year
- Cybersecurity Specialist can earn 112,000 per year

[Programming Jobs](#)
[Cybersecurity](#)

About Summit



Principal Jason Mutterer

SHS Vision

- 1. Capture the HEARTS of students before we capture their minds**
- 2. We believe that ALL students can learn at HIGH levels (growth of a year or more)**
- 3. Collaborative effort to ensure all students learn at high levels - TEAM!**



Algebra 1

Year	Approaches	Meets	Masters
2022	70	43	23
2023	79	49	19
Difference	+9	+6	-4

Biology

Year	Approaches	Meets	Masters
2022	76	45	16
2023	94	57	15
Difference	+18	+12	-1

English 1

Year	Approaches	Meets	Masters
2022	57	41	6
2023	78	60	15
Difference	+21	+19	+9

English 2

Year	Approaches	Meets	Masters
2022	69	52	7
2023	75	53	6
Difference	+6	+1	-1

English 1 v English 2 (Class of 2025)

Year	Approaches	Meets	Masters
2022	57	41	6
2023	75	53	6
Difference	+18	+12	

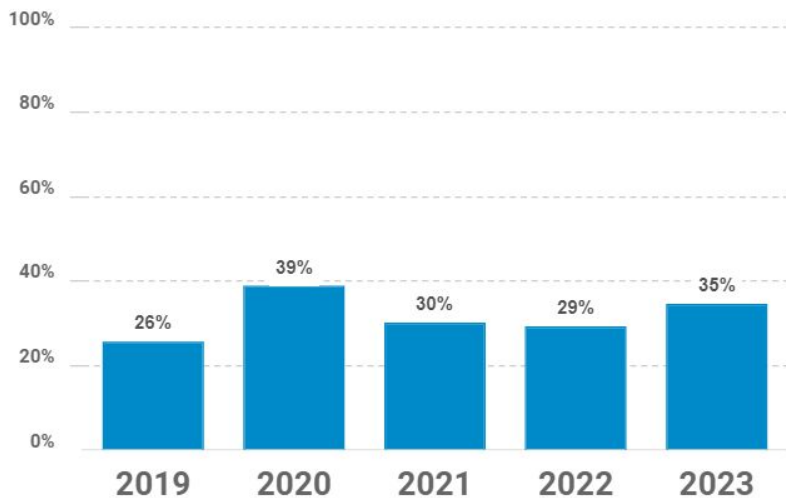
English 1 v English 2 (Class of 2025)

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AP Scores



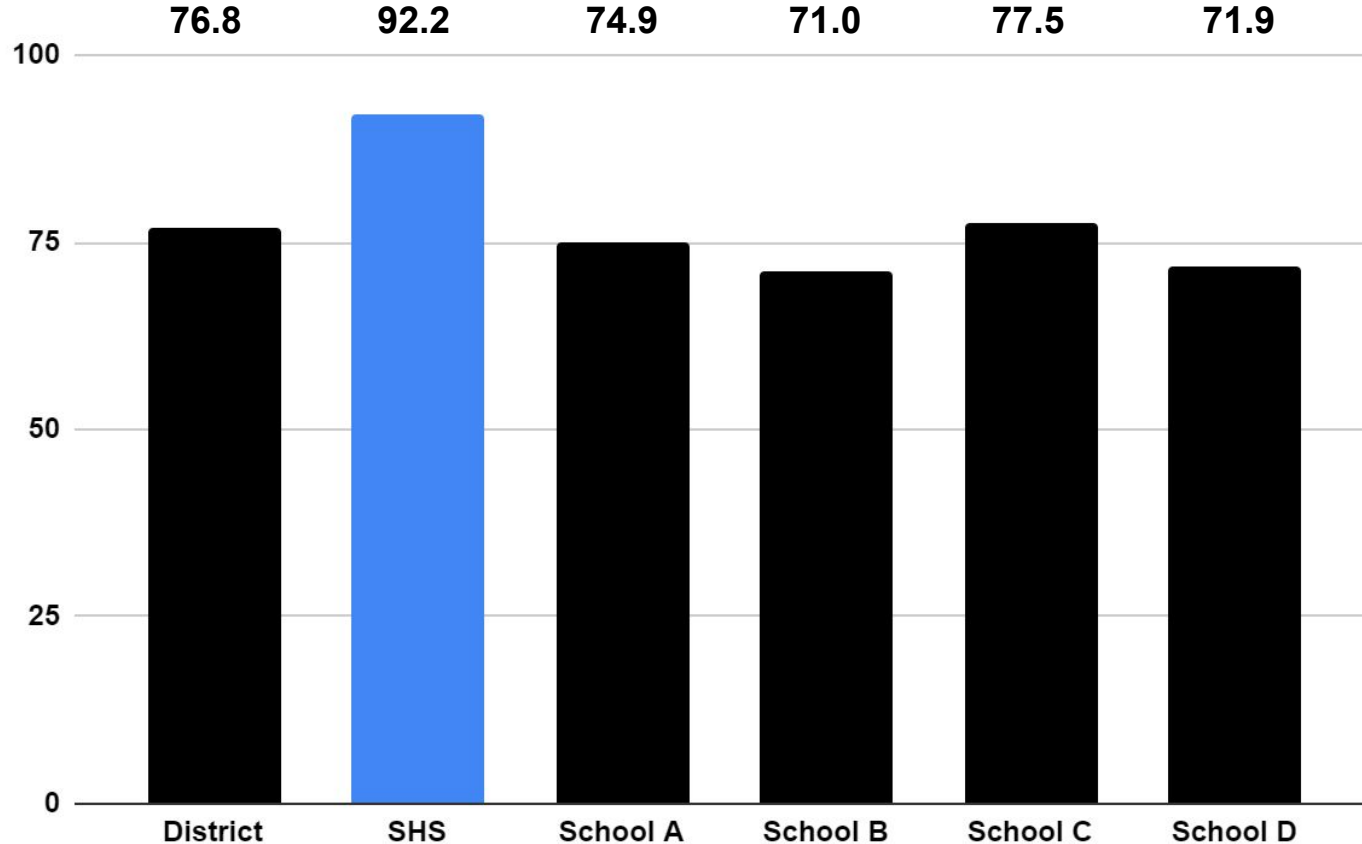
% OF TOTAL AP STUDENTS WITH SCORES 3+



SCHOOL SUMMARY

	2019	2020	2021	2022	2023
Total AP Students	611	463	381	502	465
Number of Exams	873	706	497	746	643
AP Students with Scores 3+	157	180	115	147	161
% of Total AP Students with Scores 3+	25.70	38.88	30.18	29.28	34.62

SHS CCMR CELEBRATIONS



Student AP/TCC/Summit Experience



Jennifer Norris



Esther Adedire

MISD AP Offerings



Course	Course
Government	Calculus AB
Art History	Calculus BC
Chemistry	Precalculus
Human Geography	English Language & Composition
Microeconomics/Macroeconomics	Physics C: Mechanics
Statistics	Physics C: Electricity and Magnetism
AP Seminar/Research	French Language and Culture
English Literature & Composition	World History
Environmental Science	Computer Science Principles
Psychology	Music Theory
European History	Biology
U.S. History	Japanese Language and Culture
Spanish Literature and Culture	Spanish Language and Culture
Art and Design	Physics 1/Physics 2



FREQUENT DUAL CREDIT COURSE OFFERINGS

10th grade Year

Fall (Choose 1)	Spring (Choose 1)
American Sign Language (SLNG 1404)	American Sign Language II (SLNG 1405)
	Public Speaking (SPCH 1315)

11th grade year (Max of 3 courses per semester)

Fall (Choose 1-3)	Spring (Choose 1-3)
English Composition I (ENGL 1301)	English Composition II (ENGL 1302)
US History (HIST 1301)	US History (HIST 1032)
Sociology (SOCI 1301)	Psychology (PSYC 2301)
Psychology (PSYC 2301)	Sociology (SOCI 1301)
Statistics (MATH 1342)	College Algebra (MATH 1314)
American Sign Language (SLNG 1404)	American Sign Language II (SLNG 1405)
	Texas Government (GOVT 2306)

12th grade year (Max of 3 courses per semester)

Fall (Choose 1-3)	Spring (Choose 1-3)
English Composition I (ENGL 1301)	English Composition II (ENGL 1302)
British Literature I (ENGL 2322)	British Literature II (ENGL 2323)
Federal Government (GOVT 2305)	Economics (ECON 2301)
Economics (ECON 2301)	Federal Government (GOVT 2305)
Sociology (SOCI 1301)	Psychology (PSYC 2301)
Psychology (PSYC 2301)	Sociology (SOCI 1301)
Statistics (MATH 1342)	College Algebra (MATH 1314)
American Sign Language I (SLNG 1404)	American Sign Language II (SLNG 1405)
American Sign Language III (SLNG 1344)	American Sign Language IV (SLNG 1345)
Biology for NSM I (BIOL 1408)	Biology for NSM II (BIOL 1409)
	Texas Government (GOVT 2306)

High School Standards

Attendance – 90% rule

Behavior – HS teachers can manage students.
School can suspend.

Will teach note taking & processing skills - AVID

Homework Help– Go to Tutoring

Grade: A-F Percentage

Parent Advocacy – a parent can email a high school teacher

The teacher encourages learning and accountability and will teach what that looks like

HS provides structure and discipline

College Standards

Instructor Discretion – drop student at any time due to attendance

Behavior – College instructors do not manage kids. They will remove students from class.

Must know how to take and process notes

Study Help – Attend office hours

Grade: Letter grade, percentage, points

Student Advocacy – Students must reach out to professors.
The professor will not answer emails from parents

Professor expects learning and accountability from students. It is not their job to teach what that looks like.

College provides freedom and independence



P-Tech Academy Student Profile



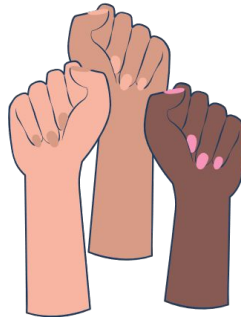
Motivated

Inner will to do or achieve because of one's own enthusiasm.
Take initiatives!



Independent

Student has a pattern of confidently making decisions without the over reliance of someone else to remind them.



Resilient

Student has a pattern of overcoming challenging situations. They will not give up when some things become tough.



P-Tech Interest

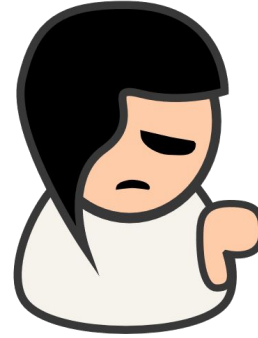
Desire to work on computers and apply math thinking.

Students who are not Successful



Forced

Student was forced to be apart of P-tech, so they purposely fail out of the program.



Immature

Student does not behave properly in class and they may have an unrealistic expectation of class. The work ethic doesn't match the expectation.



Unmotivated

Student must constantly be told to turn in assignments, check emails, attend tutoring and behave in class.



Students Participating in extracurricular activities

If you plan to get an athletic or fine arts scholarship then this program is not for you.

- Students can participate in extracurricular activities including athletics and fine arts will have limits and obstacles.
- We can not guarantee eligibility on the Varsity level.
- AP courses, athletic periods and TCC classes could be in conflict so parent and student will be presented with options and decisions.
- Each extracurricular activity coach or sponsor will explain program requirements in parent meeting prior to committing.
- Students with extracurricular classes will most likely require summer school participation to increase opportunity to be in athletic courses.
- This is the first time this has been done so we cant predict possible obstacles we may face but we are committed to doing everything we can to give students these opportunities.

Example Programming Schedule -Schedules will be student specific and reviewed regularly.

Semester 1			
9th	10th	11th	12th
*English 1	*English 2	*English 3 or ENGL 1301	*English 4 or ENGL 2322
*World Geography	*World History	*US History or HIST 1301	*Economics or ECON 2301
*Advanced Algebra 1 or *Geometry	*Geometry or *Algebra II	*Algebra II or *Statistics or *PreCal	4th math or MATH 1342
*Biology or *Chemistry	*Chemistry or IPC or *Physics	*Physics or 3rd science	4th Science
Fine Art	PE	COSC 1301	COSC 1436
PTECH AVID	SPCH 1315		
Elective	BBIA Computer Science 1 or AP Computer Science Principles	CPMT 1403	INTW 1425
Elective			
Semester 2			
*English 1	*English 2	*English 3 or ENGL 1302	*English 4 or ENGL 2323
*World Geography	*World History	*US History or HIST 1302	*Government or GOVT 2305
*Advance Algebra 1 or *Geometry	*Geometry or *Algebra II	*Algebra II or *Statistics or *PreCal	4th Math or Math 1314
*Biology or *Chemistry	*Chemistry or IPC or *Physics	*Physics or 3rd science	4th Science
Fine Art	Health	ITSY 1300	COSC 1437 (Capstone)
PTECH AVID	PE		
Elective	Computer Science II	ITNW 1309	Internship Opportunity
Elective			
*= Advanced or AP option available		TCC Course	
Location			
All Classes On Campus	All Classes On Campus	TCC Classes will be at TCC SE	TCC Classes will be at TCC SE
*Passing TSI scores required for some TCC classes.		Level 1 Certification from TCC	



Do TCC Classes Transfer to all Universities?

TCC College Credit is transferable to Texas state four-year colleges & universities and some out-of-state institutions.

Many private universities may not accept dual enrollment but these courses are a gateway to being admitted into selective colleges.

***FAMILIES, MUST RESEARCH THE TRANSFER ELIGIBILITY OF TCC CLASSES PRIOR TO APPLICATION. THIS IS A FAMILY RESPONSIBILITY!**



Community Partners Potential Plan

Continuum of Work-Based Learning Models Across Phases



Tarrant
County
College



9th Grade:	10th Grade:	11th Grade:	12th Grade:
<p>Partners Present information to students at PTECH</p> <p>Technical and Transferable Skills presentations.</p> <p>Field Trip to Partners</p>	<p>Field trip to Partner facility</p>	<p>Mouser Mock Interview practice for MStudy program.</p> <p>Apply for Mouser MStudy program and complete a paid summer internship.</p>	<p>Job Fair</p> <p>Interviews for potential job openings.</p> <p>Senior Internship (rotation), add an additional industry partner.</p> <p>Students who participate in the MStudy program will be interviewed for the senior internship.</p>





Whats Next?

TIMELINE

November 4, 2023 : Power of Choice Expo with all MISD Schools

November 29, 2023 - Parent Meeting High School -Library

December 11 , 2023 - Virtual Parent Meeting

December 18, 2023- January 26, 2024 :Applications open at 9am and close at 4:30pm on the 26th. Visit Power of Choice Website, Weighted Lottery

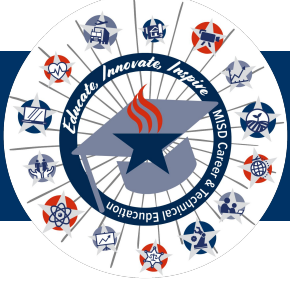
February TBA - Individual scheduling meetings preview

March 8th, 2024 :PTECH application are notified of whether selected or not

March 22, 2024 :Last day for parents/students to respond to the invitation

April TBA: Admission Night - TCC Enrollment

Summer TBA: Freshman Orientation, TCC Fall Course Registration, TSI Testing



Application Process

- [Go to Power of Choice Website](#) Starting December 18th- January 26th
- Select PTECH drop down.
- When Submitting the application, google does not save your progress. Please click on review the application process and criteria link prior to make sure you have all the necessary information. Example: [ECHS Review](#)
- All those who apply will have a meeting scheduled to go over individualized schedules done prior to accepting.

QR CODE TO BE ON INFORMATION LIST

Please fill out again. I have added a spot for you to let me know what activities you might be interested in for planning students schedules.





Questions?

Question Cards:
Name, Email, and Question

Lesley Hash

682-314-0925

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