

## STEM Advisory Committee Agenda

**Date: October 28, 2021**

**Location: Victoria West High School**

**Time: 4:00-5:00 P.M.**



**Informational Items:**

Current Enrollment Numbers: Total – East- 65 West- 114

Course	VEHS Enrollment	VWHS Enrollment
Principles of Applied Engineering	30	20
Rocketry (SRD)	35	12
Engineering Design and Problem Solving	0	0
AP Comp Sci Principles	0	32
Computer Science I	0	18
AP Comp Sci A	0	15
Computer Science III	0	17
Practicum in STEM	0	0

Agenda Item	Information	Minutes
Welcome and Introductions	Martin Sanchez	<p>In Attendance:</p> <p>Sarah Zuniga – Student                      Imani Huff – Student                      Trace Perry – Student                      Marcela Cervantes – Student                      Ariana Pitts – Student                      Dayrel White – UHV                      Kathy Hunt – CBEC                      Cheryl Clark – CTE Teacher                      Lawrence Wick – VC PTAC                      Diana Perry – Parent                      Sylvia Espinoza – Cade Counselor                      Ramona Alvarado – Cade Counselor</p>
Program of Study Course Overview	<p>CTE/ P-TECH Teachers</p> <ul style="list-style-type: none"> <li>• Summary/Description of CTE Pathway</li> <li>• What is T-STEM</li> <li>• T-STEM Blueprint</li> <li>• T-STEM pathways</li> </ul>	<p>The T-STEM Blueprint was explained and its implementation; each of the benchmarks was addressed. The courses for the pathway were reviewed and dual credit coursework fits into the pathway and graduation requirements.</p> <p>C. Clark expressed concern about the rigor of the courses and being prepared for post-secondary studies. Concern about the math sequence and students completing Calculus by HS graduation.</p> <p>It was explained to members that the pathway is not restricted to engineering, process tech and electronics and instrumentation would be part of the pathway. Members were told that students who are part of the pathway would be met where their math/ academic skills are and try and increase the student’s learning and achievement as much as possible by graduation.</p>

Industry Based Certifications Offered	Andrea Pope <ul style="list-style-type: none"> <li>• TEA Approved</li> <li>• Current</li> <li>• Relevant</li> </ul>	
Program of Study	CTE Teachers <ul style="list-style-type: none"> <li>• Lab/shop, equipment and technology</li> <li>• Recommendations to improve programs</li> </ul>	W. Matthews reviewed lesson plans, curriculum, and projects the students were working on to date. W. Matthews shared a completed project students completed via Code.org.
Enrollment and Recruitment	Martin Sanchez <ul style="list-style-type: none"> <li>• Enrollment</li> <li>• Recruiting efforts</li> </ul>	- P-TECH Administrator will be working with the district's communication department and staff to promote the pathway to students in 8 <sup>th</sup> grade.
Student and Parent Feedback	Martin Sanchez	Mrs. D Perry shared with attendees that her son, T. Perry, is excelling in the pathway and his courses in general. She shared with the group that her son is more engaged in school and strives to make better grades. Student T. Perry shared that this program is a perfect fit for his interests and academic goals. Stated that the work is challenging but do-able. Other students present, agreed the academic work is challenging, but is manageable.
Facility Review / Work Based Learning	Martin Sanchez and CTE Teachers <ul style="list-style-type: none"> <li>• Defining work-based learning</li> <li>• WBL opportunities</li> </ul>	Work based learning was defined and what it could look like in the classroom and at a worksite. Members were asked to consider work based learning opportunities for our students.
Thank you and Information on Post Meeting Email	Martin Sanchez	5:05 pm

Suggestions for Recruiting Efforts    Suggestions for Work Based Learning    Recommendations for IBC's/Cert.

