
SOUTH TEXAS FORD PAS PROGRAM

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FORD PAS IN SOUTH TEXAS

- o Ford PAS Pilot Campus Implementation:
 - o La Joya High School (2003)
- o Ford PAS Regional Implementation:
 - o 4 Ford PAS Campuses (2005-2006)
 - o 12 Ford PAS Campuses (2006-2007)
 - o 19 Ford PAS Campuses (2007-2008)
 - o Edinburg H.S. – 23 Ford PAS Teachers

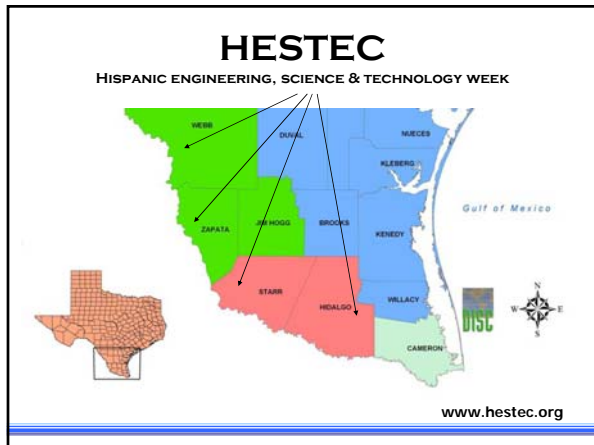




Monday, September 22, 2008
HESTEC EDUCATOR DAY

Educator Day is a dynamic teacher & administrator training conference that focuses on improving science, technology, engineering and mathematics (STEM) instruction techniques. Over 1,500 educators, administrators and superintendents attend professional development workshops and presentations by world-class speakers.


HESTEC
 HISPANIC ENGINEERING, SCIENCE & TECHNOLOGY WEEK



www.hestec.org

HESTEC & FORD PAS





- o HESTEC has served as a marketing vehicle for the Ford PAS program to target high school administration
- o HESTEC & Ford PAS encourages students to stay in school and pursue a college education reducing the drop out rate
- o The Ford PAS curriculum introduce students to engineering, science and technology hands-on activities in the classroom and links those activities with the real-world (authentic)

<ul style="list-style-type: none"> • PSJA North H.S. • PSJA High H.S. • PSJA Memorial H.S. • La Joya H.S. • St. Augustine H.S. • Edinburg North H.S. • Edcouch – Elsa H.S. • Donna H.S. 	Fall 2006	FORD PAS SCHOOLS IN SOUTH TEXAS 
<ul style="list-style-type: none"> • BETA Academy H.S. • Mercedes H.S. • Edinburg H.S. • La Villa H.S. • Zapata H.S. • Lyford H.S. • Veterans Memorial Academy • McAllen H.S. / McAllen 	Fall 2007	
<ul style="list-style-type: none"> • Rio Grande City H.S. • Laredo United H.S. • Santa Maria H.S. 	Spring 2008	

Ford PAS
 Upcoming
 Events....

**FORD PAS PROFESSIONAL
 DEVELOPMENT INSTITUTE 2008**
 South Texas - Regional Training
 August 4-6

- 100 Teachers and Administrators (Generation I, II & III)
- Follow-up Session (Generation I & II)
- 3-Day Training (Generation III)
- New Company Visits

Implementation Process

Edinburg High School (2600 students)

- Attended the 5th Annual Ford PAS National Networking Conference in Louisville, Kentucky
- Presented Ford PAS Curriculum to Department Chairs
- Aligned Modules to the Course Content
 - **Math** – Modules 10 & 11
 - **US Govt.** – Modules 15
 - **Economics** – Modules 13 or 14
 - **Business** – Modules 5, 6, 7, 8 and 9
 - **English Language & Composition** – Modules 2 and 3
 - **English Literature** – Modules 1 and 4
 - **Physics** – Modules 12
 - **Chemistry** – Modules 10
 - **US History** – Modules 3
 - **Career Connections** – Module 1
 - **Ford PAS Course** – All Modules

Implementation Process (cont')

- **24** attended the Ford PAS Professional Development Institute 2007 at UTPA
- **24** attended the HESTEC Educator Day 2007 for the Ford PAS Follow-up Session and Reception
- **1st** year of implementation
 - **22** teachers implemented Ford PAS in core courses
 - **2** teachers implemented Ford PAS pilot modules (Finance & Chemistry)
- Evaluation Process for adjustments for **2nd** implementation year

Moving forward...

- Adopting Ford PAS Curriculum as a district-wide initiative in **2008 – 2009** in the District & Campus Improvement Plans
 - **3** High Schools (approx. **7,000** students)
 - **5** middle schools (approx. **6,000** students)
 - Targeting a total of approximately **13,000** students
 - District Coordination with Career & Technology Program for utilization of State & Federal Funding Resources
 - Alignment of Ford PAS Curriculum with Middle School "College Readiness", Achieve Texas and High Education Coordinating Board College Readiness Standards Goals

Why Ford PAS?

- Affordable program
- Teacher user-friendly curriculum
- Web-based support system
- Teacher Professional Development

Our Students are our Future

- We must Produce high school graduates that will be highly successful in a 2 or 4-year college career or those going immediately into the job force
- College Readiness is Based on College Admissions tests – ACT, SAT
- Non-college Bound Students must have the skills to enter the high-demand technical jobs
- Communication and Writing are essential skills

Implementation Example

AP English Language and Composition

- **Module 2 - Media and Messages: Building a Foundation of Communication Skills**– Use as an independent module in AP English Language & Composition
- Ford PAS Module Content Descriptions
- Helped student become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes
- Reading and Writing Activities helped the students become aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing and comprehension

Implementation Example

Pre-AP Physics

- **Module 12** – Energy of the Future– Use as an independent module in Pre-AP Physics
- After having covered mechanical energy, power, efficiency, and the Law of Conservation of Energy, the class completed sessions 14,15,16.
- Six “engineering” teams were created and named using Greek letters.
 - Alpha, Beta, Gamma, Delta, Epsilon and Omega
- Team activities were worked on large butcher paper and easel pads. Each team presented its results to the class.
- Class enjoyed session 15. The two topics: “Harnessing Water’s Potential” and “Closer to Home” made students realize that the topics covered in class had real-world, practical relevance.
- In the topic “Powering the Silverwood Farmhouse”, the students saw that individual homesteads can feasibly use their own hydroelectric generators.

“The Ford PAS curriculum is a vehicle that makes our district’s mission and vision statements come alive”.

- Maria Luisa Guerra

Assistant Superintendent ECISD

Thank You!

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