

# On Business-Education partnerships: How to overcome barriers and transform obstacles into opportunities

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# Agenda

- Business Initiative for Technical Education
  - The Beginnings.
  - Mission, Vision and Values.
  - Impact on School.
- Broken Barriers

# The School: Instituto Politécnico Loyola



# The School



Basic School



Technical High School



Technical Specialties





# The School



Technical High School



9<sup>th</sup> to 12<sup>th</sup> Grade



Technical Specialties



Agronomist



Industrial Electrician



Digital Electronics



Communication  
Electronics



Mechanics Maintenance



Metal-Mechanics  
Maintenance



Internal Combustion



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# The Company



***Was there a single "How" answer?***

***Who had it?***

# CORD: Center for Occupational Research and Development

***How to lead projects that involves  
many sector?***



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# Business Initiative for Technical Education



IEET

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[www.IEET.org.do](http://www.IEET.org.do)

# *Mission*

To promote partnerships and joint endeavors between education and business-industry sectors to improve technical education, with the goal of developing the nations human potential and boosts its competitive edge.

# *Vision*

To raise the quality, pertinence and equity of technical schools to support sustainable economic and social development in the Dominican Republic.

# Values

- ✓ Commitment
- ✓ Innovation
- ✓ Comprehensive Excellence
- ✓ Transparency
- ✓ Teamwork Spirit

***Who does what?***



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# Initiative Board

Define  
Strategies

Recruit  
new  
members

Provide  
Resource  
s

## CORD

Design  
Customized  
Change

Incorporate  
Inputs

Train  
teachers

Identify  
Equipment  
needs

Develop  
New  
material

Conduct  
Implemen-  
tation

## School

Open to  
change

Get train

Prepare  
classes

Use  
resources

Use REACT  
Methodo-  
logy

Report  
Progress

## Initiative Director

Monitor  
implemen-  
tation

Coordinate  
Actions

Arrange  
Logistics

Report  
Progress



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# CORD

- Sources to benchmarking

# Our Benchmarks

- ✓ Round Rock Stony Point High School. San Antonio. Texas.
- ✓ State Technical College. Waco. Texas.
- ✓ Business Careers High School. San Antonio. Texas.
- ✓ John Jay High School (Engineering & Science). San Antonio. Texas.
- ✓ Health Career High School. San Antonio. Texas.
- ✓ Texas Business and Education Coalition. Austin. Texas.
- ✓ Allen Samuels Auto group. Waco. Texas.
- ✓ Automotive Youth Educational System (AYES). Troy. Michigan.
- ✓ Woodward Career Technical High School. Cincinnati. Ohio.
- ✓ Butler Technology's Northwest Career Center. Cincinnati. Ohio.
- ✓ University of Cincinnati Applied Science. Cincinnati. Ohio.
- ✓ Allied Construction Industries. Cincinnati. Ohio.
- ✓ Greater Cincinnati Tech Prep Consortium. Cincinnati. Ohio.

# CORD

- Solutions to our specific needs
- An approach for getting involved with the school
- Understanding of educational environment

# CORD

- Reviewing of the school curriculum and the program
- Development of content and instructional material
- Planning and carrying out a Teacher Professional Learning process

# CORD

- Establish and on going business/industry-school relationship.
- Ways to disseminate the process progress and results obtained so far.

# IEET Impact on School

- Direct impact on 1,120+ students.
- Overall “refocusing” on Technical High School .
- In depth and detailed revision of the 9<sup>th</sup> to 11<sup>th</sup> grades programs.

# IEET Impact on School

- Addition of appropriate content to meet global knowledge economy requirements.
- Around 4,000 man-hours of teacher training on contextual teaching techniques.
- Supplementary instructional material .

# IEET Impact on School

- Provided 3 new labs and necessary laboratory equipment enough to teach 1,120 students, 4 hours weekly.

# IEET Impact on School



Equipamiento para Actividades de Laboratorio de PT

Equipamiento esencial	Ilustración visual
<ul style="list-style-type: none"> <li>Fuente de Poder AC/DC (0-24 Volts, 5 A)</li> </ul>	
<ul style="list-style-type: none"> <li>Estroboscopio (calibrado)</li> </ul>	
<ul style="list-style-type: none"> <li>Ensamblaje de conta transportadora con motores y poleas</li> </ul>	

PRINCIPIOS DE

# TECNOLOGÍA

CONTEXTO E INTEGRACIÓN

MECÁNICO

FLUIDO

LIBRO 1  
FUERZA

TÉRMICO

CORD



# *The teachers question: Why Change?*



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# The Answer

- Our teaching methodology needs to change because the present is no longer like the past and it moves on a faster speed to different and new directions.

- Increasing the frequency of the teaching sessions
- Implementing flexible schedules for the training sessions

# •Coaching in the classroom



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- Demanding more reports of success

- Having the Directors conducting communication sessions with the teachers to promote alignment



- Talk, talk, talk.... A lot of talking and explaining to the teachers
- Finally... laying off teachers who are definitely not willing to participate on the new process

- Engaging with education is a fulltime job.....

# Questions?



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# THANK YOU!!!

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