

AMSKILLS

AMERICAN MANUFACTURING SKILLS INITIATIVE



CALL: 727.301.1282

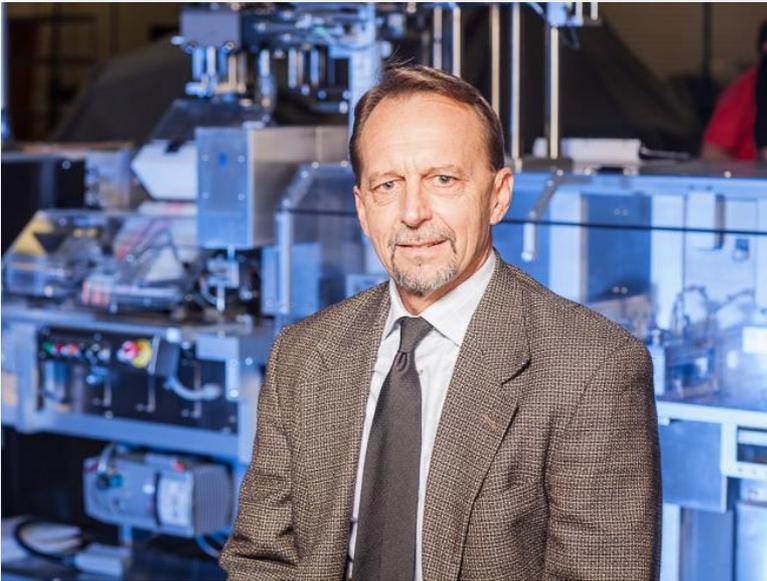
VISIT: AMSkills.org

eMail: Info@AMSkills.org

Training America's Future Manufacturing Technicians, Engineers & CEO's

Introductions

Bryan Kamm
Executive Director
Business Plan Author
Founder of AMskills
Author of German Embassy White Paper



Trevor Charlton
Operations Manager
Pinellas Site Coordinator



The Problem

U.S. Manufacturing Industry Concerns:

- **Inability to Find Experienced Employees**
- **Skilled Machinists and Technicians Retiring**
- **Manufacturers Need Are Short & Long Term**
- **Current Training Programs Only Address Short Term Needs (Apprenticeships address Long Term)**
- **Employee Turnover Due to High Demand for Experienced Workers**

The Problem

- U.S. Students graduating can't find jobs (Due to lack of experience)
- University Students Graduating with Huge Debt in Student Loans



FACTS - German Small to Med Business (Up to 500 employees; 50 Eu/yr)

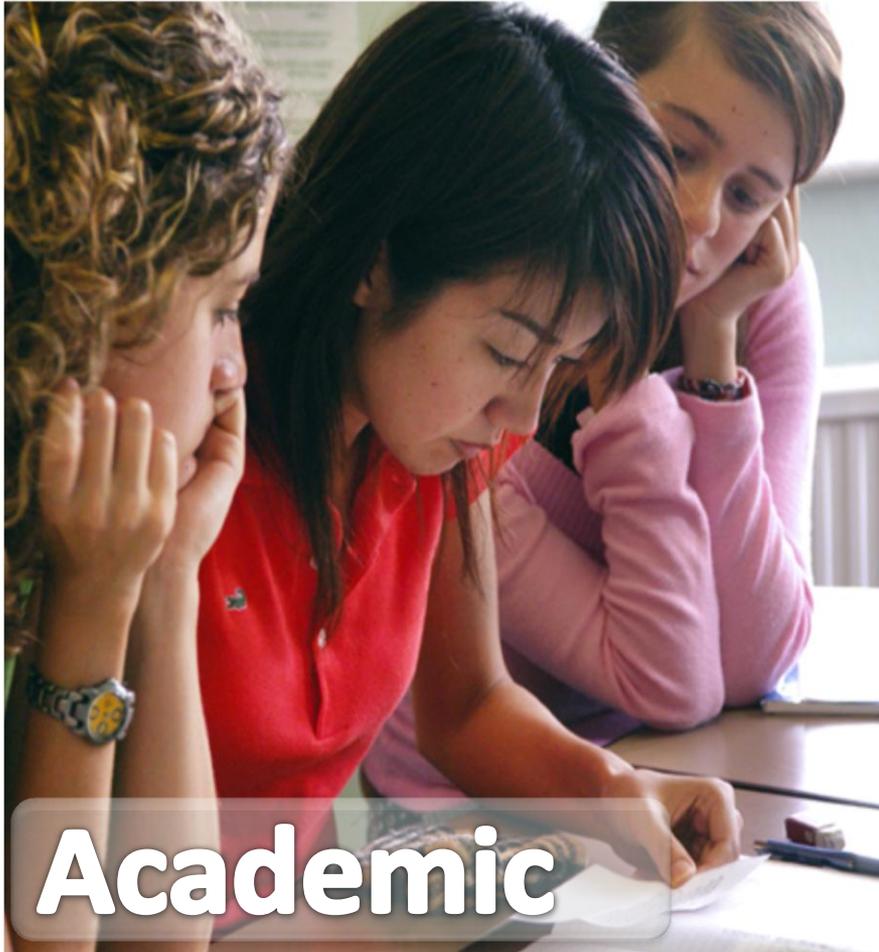
1. 99% of German Manufacturing Companies are SME's; employing 60% of total (15.5 M Employees)
2. Contributes 52% to German Economy
3. Employs 83.2% of Apprentices in Germany
4. 20% of Employees work in Manufacturing (in USA, 13.8%)
5. German SME's employ 61.3% of workforce (in USA, 46.2%)
6. Hidden Champions (1,307 World Leaders (in USA, 366)

**GERMAN SME MANUFACTURERS CONTRIBUTE
THEIR INDUSTRIAL SUCCESS TO THEIR
APPRENTICESHIP TRAINING PROGRAM**



The German Model...

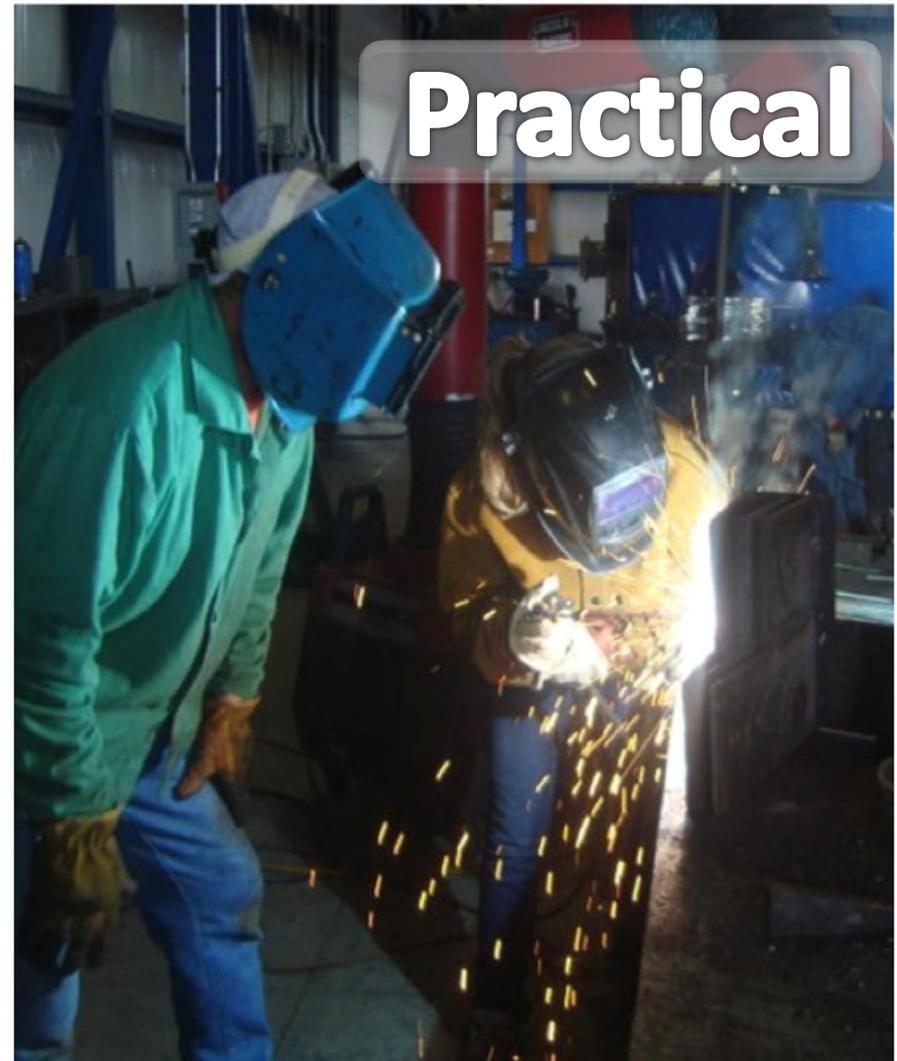
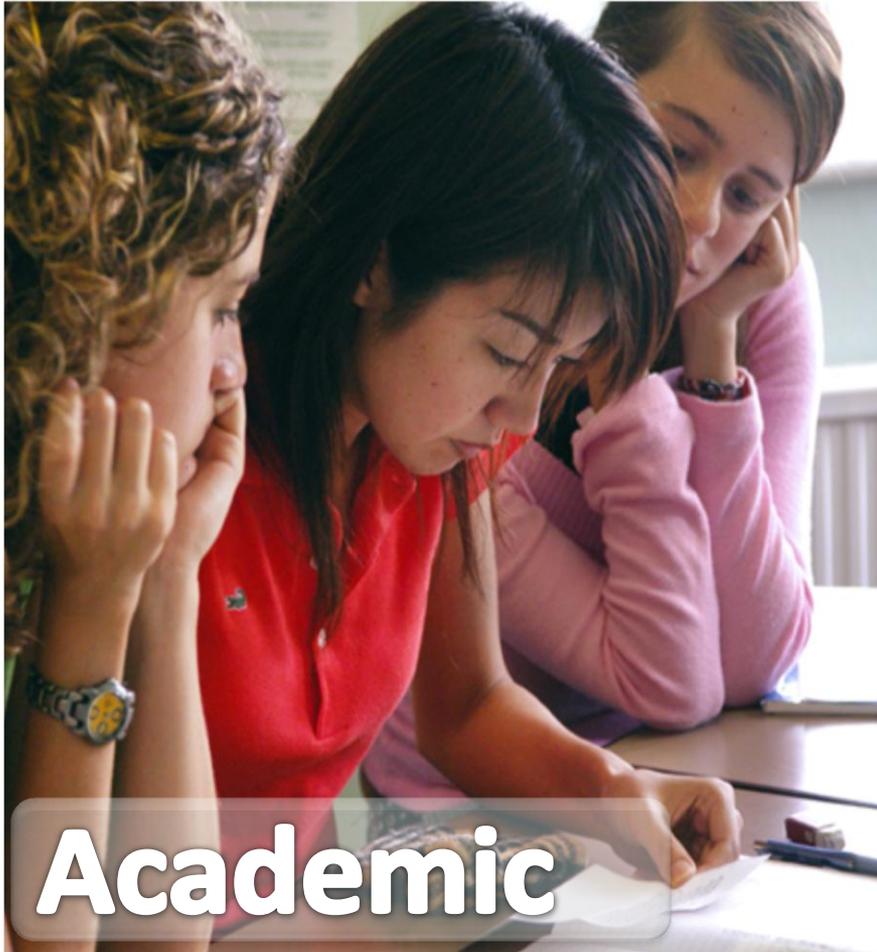
...blends Academic



Academic

The German Model...

...blends Academic with “Hands-On”
Practical Experience



AMskills Mission: Establish World-class German Style Apprenticeship Training Centers That Help Young Adults Obtain Hands-On Workforce Experience AND Help Local Manufacturers Obtain Qualified & Trained Employees



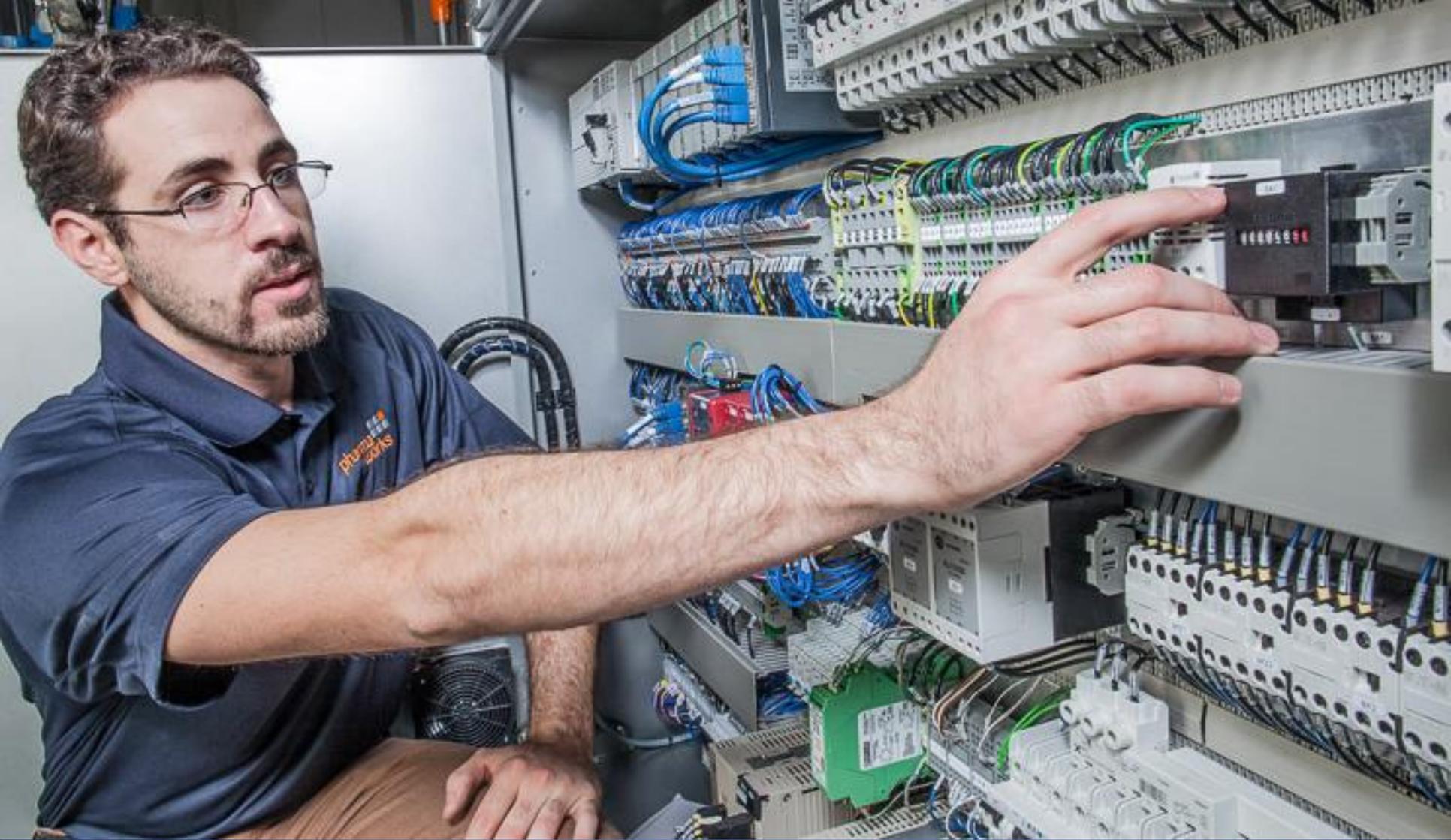
Four Year Apprenticeship & Training Program

Florida Industry Certifications
Initially Offered:

- Electronics Technician
- Mechatronics Technician
- Industrial Mechanic
- Tool Maker



AMSkills Initiative Allows STUDENTS the opportunity to gain “HANDS-ON EXPERIENCE”



AMSkills Initiative Allows STUDENTS the opportunity to “Work for a Local Manufacturer”



STUDENT OPTIONS AND THE BENEFITS OF AMSKILLS PROGRAM

YEAR 1 AGE 15	YEAR 2 AGE 16	YEAR 3 AGE 17	YEAR 4 AGE 18	YEAR 5 AGE 19	YEAR 6 AGE 20	YEAR 7 AGE 21	YEAR 8 AGE 22
------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------

**EXPECTED
WAGE PER
HOUR AT
AGE 22**

NO HIGH SCHOOL DIPLOMA AND LIMITED PROSPECTS

ROUTE A

WORK EXPERIENCE

**\$8-\$10
PER
HOUR**

November 10, 2015

PASCO TRIBUNE



Partnership to boost manufacturing



Joey Spissak, an employee at Pharmaworks in Odessa, explains to students the use of some of the company's high-tech machinery. ANDY JONES/STAFF

Funding - \$1.15 Million

Year 1 – FY 14/15



FLORIDA DEPARTMENT *of*
ECONOMIC OPPORTUNITY

County Funding - \$600,000

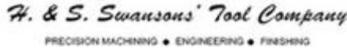
Years 2 & 3



Educational Partners



Manufacturing Partners



International Collaborative Partners

EMCO

FESTO

 **WEILER**



KUKA



- **World Leaders in Advanced Manufacturing**
- **World Leaders in Advanced Manufacturing Training Equipment**
- **World Leaders in Advanced Manufacturing Education**
- **Collective Annual Revenues = \$16 Billion!**

Locations

Pinellas County

AMskills – Education Training Locations

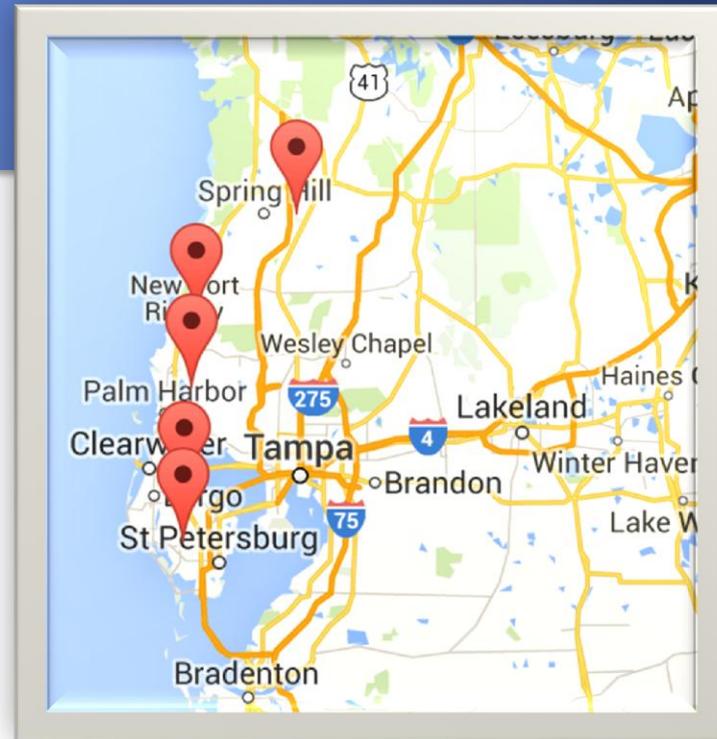
East Lake High School
1300 Silver Eagle Drive
Tarpon Springs, FL 34688

Pinellas Technical Education Center

6100 154th Avenue North
Clearwater, FL 33760

Dixie Hollins High School

4940 62nd Street North
St. Petersburg, FL 33709



Pasco County

AMskills – Regional Headquarters & Education Training Location

AMskills Industry Certification Training Center (ICTC)

C/O Marchman Technical Education Center
7825 Campus Drive
Port Richey, Florida 34653

Hernando County

AMskills – Education Training Location

Industrial Park Training Center

Tampa Bay Advanced Manufacturing Skills Initiative (ICTC)
16110 Aviation Loop Drive
Brooksville, Florida 34604

How We Got To Where We Are Today



Available to
high school & college students
for paid training & jobs @
local manufacturers.



Certifications Available
Electronics Technician for Industrial Engineering,
Mechatronics Fitter, Industrial Mechanic and
Tools Mechanic.

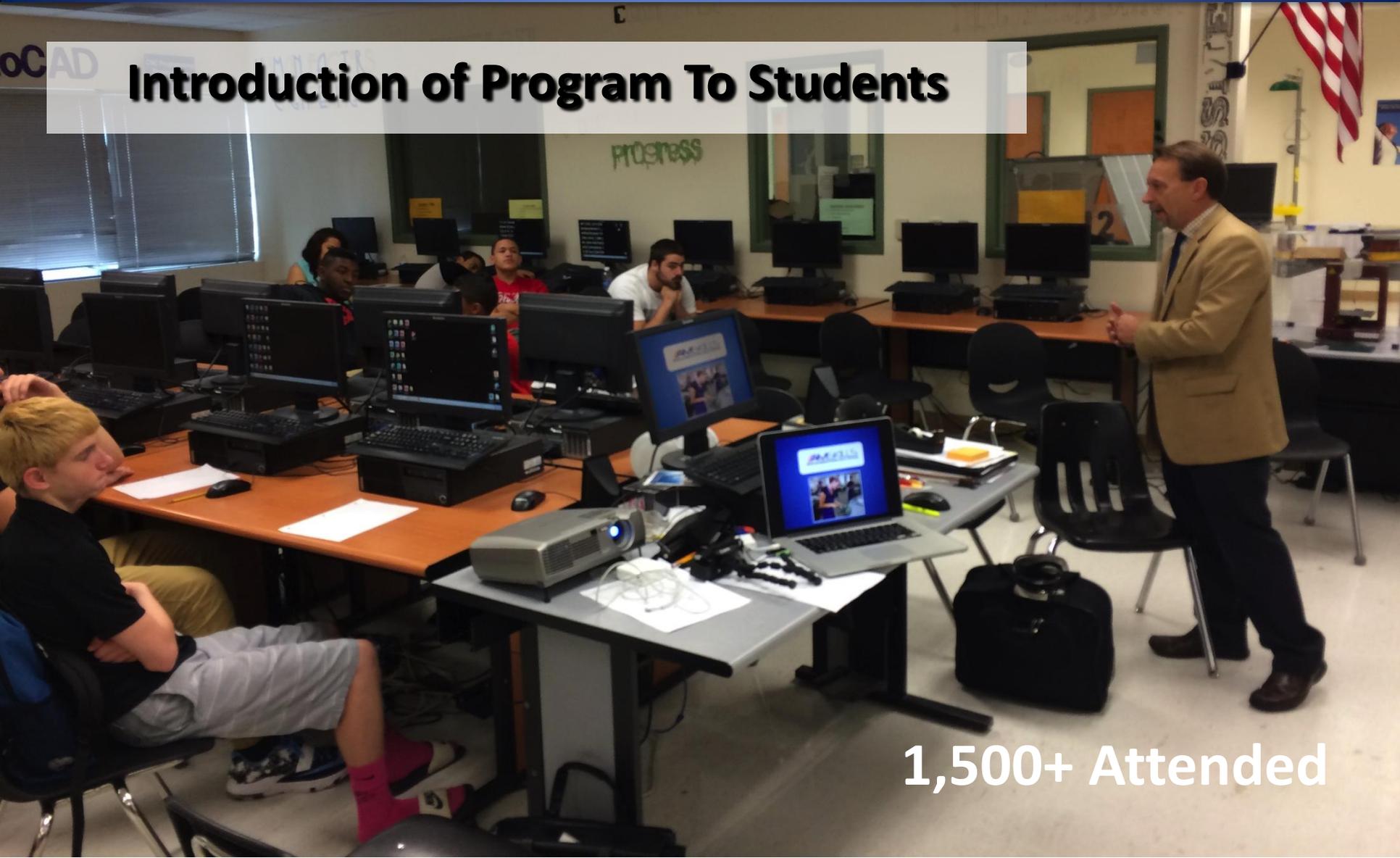


Contact Us Today!
Hernando - 727.331.2917
Pasco - 727.455.0336
Pinellas - 727.331.2917

Industry Days in Schools

February – April, 2015

Introduction of Program To Students



1,500+ Attended

Town Hall Meetings

May, 2015

226 Attended

- **Parents, Students & Manufacturers**



One Day Production Workshop

June 6th & 13th, 2015



72 Attended

6-Week Summer Orientation

July 13 – August 7, 2015

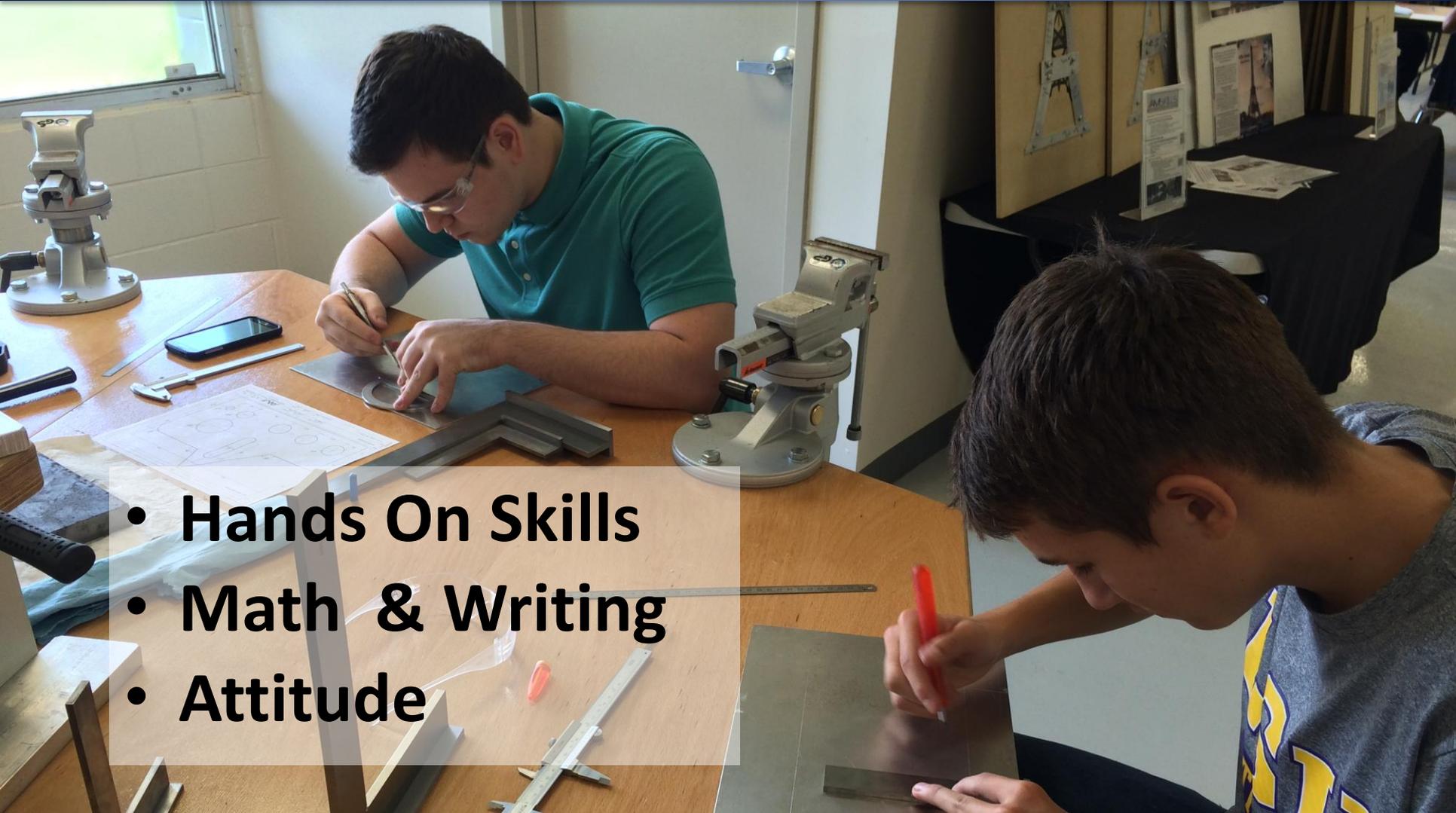


Safety & Hands-On Skills Training
38 Attended

Manufacturer Tours



Student Evaluations Apprenticeship Selection

- 
- A photograph of two students in a workshop. The student in the background, wearing a green polo shirt and safety glasses, is using a hand tool to work on a piece of metal on a workbench. The student in the foreground, wearing a grey t-shirt, is also working on a piece of metal, using a red marker. The workbench is cluttered with various tools, including a microscope, a smartphone, a caliper, and a square. In the background, there are posters on the wall and a table covered with a black cloth.
- Hands On Skills
 - Math & Writing
 - Attitude

U.S. Public Relations



Officials tour Pasco training program that is the first of its kind in the state



International Public Relations

German Embassy and the US Department of Commerce Adopt Strategic Partnership for Workforce Training

On June 5, 2015, the German Embassy hosted the German Marshall Fund Joint Declaration of Workforce Training for signatures adopting a strategic partnership between the US and Germany in Workforce Training to help the US adopt the German Dual Education system in America. This is in continuation of the ongoing German Skills Initiative, a US national campaign endorsed by the German Embassy and the US Department of Commerce. To learn more, please click the links below to the German Embassy website:



Economic Development

This picture shows the future!



From 20 to 200 ...

Apprenticeship Program - Charlotte

HOME

BUSINESS INFO

TARGET SECTORS

REAL ESTATE

NEWS & MEDIA

INVESTORS

ABOUT US

CONTACT US

Charlotte Region | Industry | Workforce | Cost Of Doing Business | Transportation | **International Business** | Regional Resources | Business Lists | Foreign Trade Zone #57



SUBSCRIBE TO EMAIL UPDATES

NEWS

- Specialty Polymers to spend \$5.5 million on Chester County expansion
- Charlotte metal-components manufacturer expects to double in size within 5 years
- Scott Safety Bringing \$28.7 Million Expansion to Monroe

EVENTS

- 2015 Jerry Awards - March 31, 2015 - Charlotte Convention Center



GERMANY



ITALY



FRANCE



SWEDEN



CHINA



JAPAN



CANADA



BRAZIL

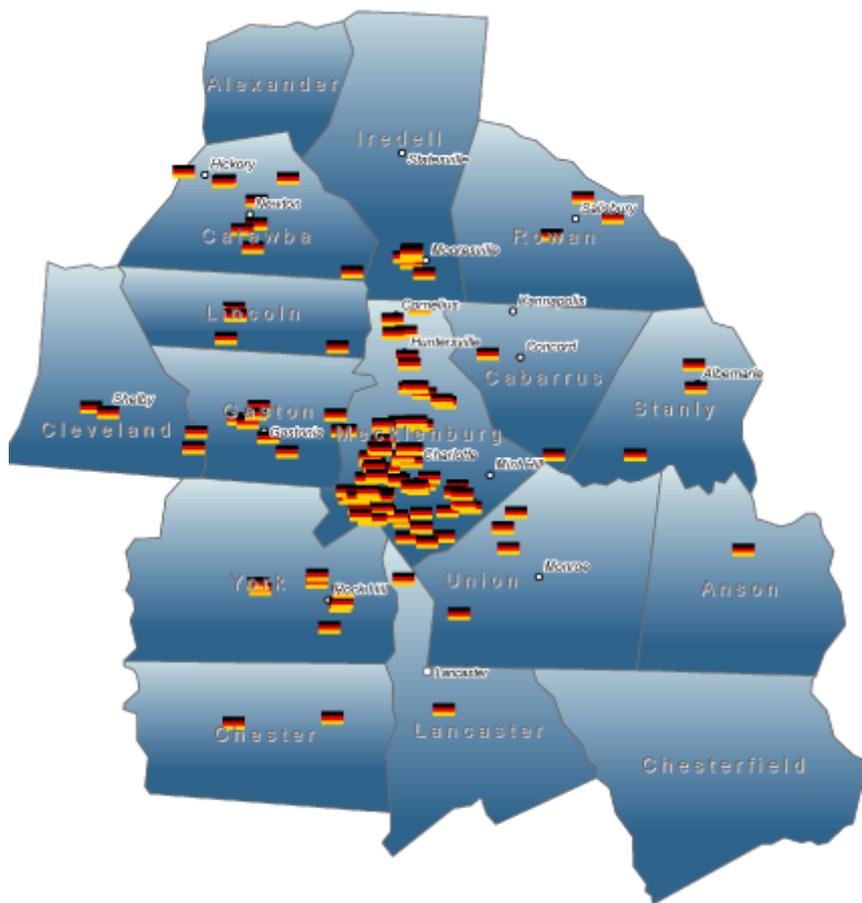


UNITED KINGDOM

Apprenticeship Program - Charlotte



GERMANY



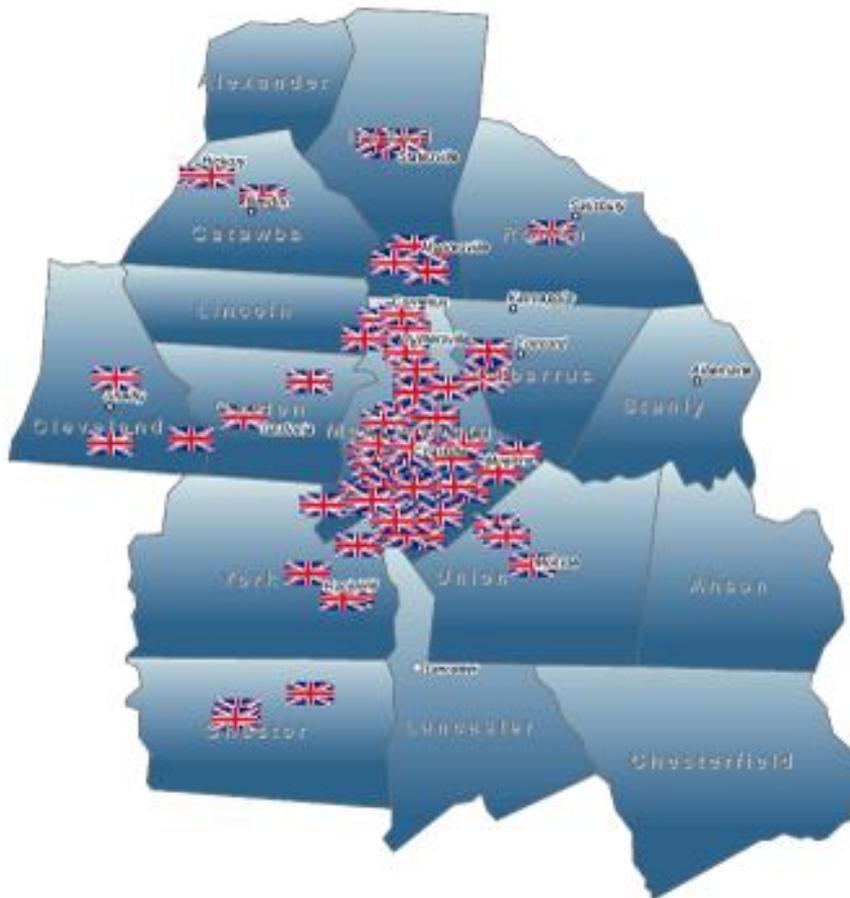
ITALY



Apprenticeship Program - Charlotte



UNITED KINGDOM



CANADA



Tampa Bay Economic Development

Sowing The Seeds For Economic Development



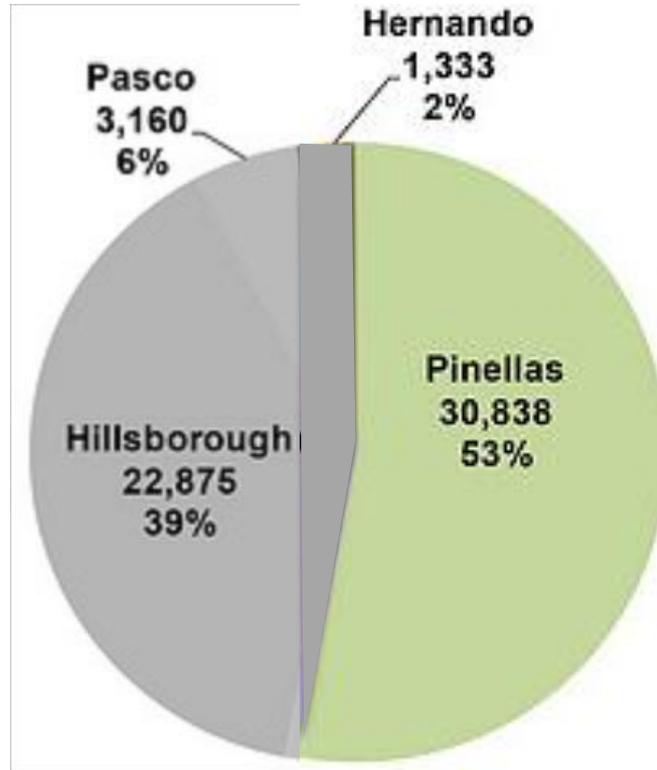
 =  Training Center

How Can TBRPC Further Help?



**Marketing Support Within Schools, Libraries & Recreation Department
to Recruit Future Apprentices**

How Can TBRPC Help?



**Unleash The Significant Potential Amongst
Tampa Bay Manufacturers**

How Can TBRPC Help?

Assist in Finding Financial Support to



Invitation to AMskills German Delegation Tour To Nuernberg & Stuttgart

November 6-14, 2015

**Visits to Weiler, Hoffmann Group, FESTO, KUKA Robotics,
Kramski and World Class Advanced Manufacturing
Training Centers**

Contact Bryan Kamm

bkamm@amskills.org

813-415-7514 cell



Go to

www.AMSkills.org

AMSKILLS

AMERICAN MANUFACTURING SKILLS INITIATIVE



CALL: 727.301.1282

VISIT: AMSkills.org

eMail: Info@AMSkills.org

Training America's Future Manufacturing Technicians, Engineers & CEO's

Questions?