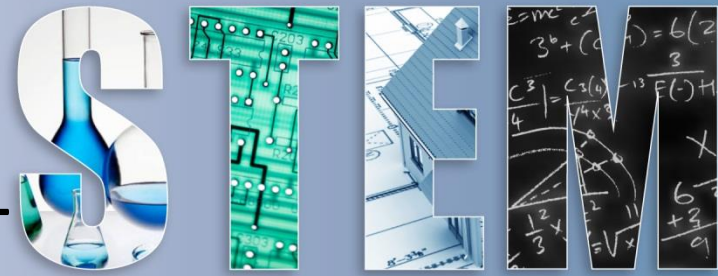


CAREER ACADEMY BEST PRACTICE PANEL



Facilitated by
Mr. Dehryl McCall, Workforce Florida, Inc.
Director

Panelists

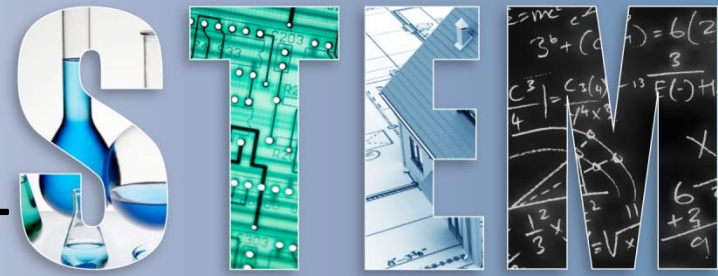
Mrs. Kathryn Schmidt, CTE Director, St. Lucie County Public Schools

Mr. Dale Toney, Teacher, Marion Technical Institute (MTI)

Mr. Greg McGrew, Lead Teacher, Engineering Academy Lakewood
Ranch High School

Mr. Russell Henderlite, Instructor, , Duval County Public Schools

CAREER ACADEMY BEST PRACTICE PANEL

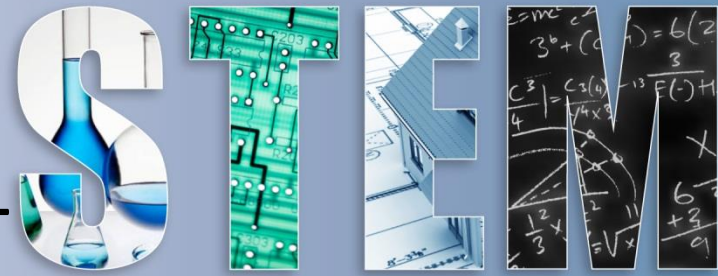


Panel Coordination:
Florida Advanced Technological Education Center-FLATE

SPONSORS



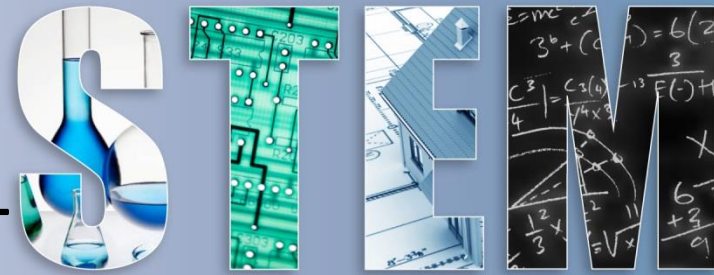
CAREER ACADEMY BEST PRACTICE PANEL



ABOUT FLORIDA CAPE ACADEMIES

- Created by 2007 Florida Legislature to improve Florida's talent supply system by connecting students with rigorous, relevant career-themed education that articulates to post-secondary courses and leads to industry certifications.
- Workforce Florida and the Department of Economic Opportunity collaborate annually to define industry certification.
- The Workforce Florida Board of Directors annually updates the Comprehensive Industry Certification List, used by the Florida Department of Education to identify program-to-certification linkages for CAPE Academy training.
- More CAPE Academies focus on Information Technology than any other industry. Currently there also are 22 Manufacturing CAPE Academies in Florida offering multiple career pathways into the industry.

CAREER ACADEMY BEST PRACTICE PANEL



FLORIDA CAPE ACADEMIES – A TIMELINE

2007 – CAPE created by Florida Legislature. For 2007-2008 School year, nearly 20,000 Florida high schools students enrolled in 246 CAPE Academies statewide.

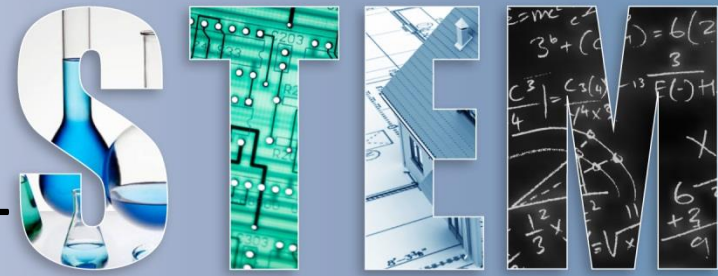
2011 – Florida Legislature requires state school districts to include plans for at least one middle school CAPE Academy in 3-year strategic plan.

2011-2012 – More than 185,000 Florida students are enrolled in 1,567 CAPE academies statewide.

2012 – Workforce Florida-sponsored Middle School IT CAPE Academy Technical Assistance Program gets underway.

2012-2013 – 15 schools chosen for Middle School IT CAPE Academy Technical Assistance Program enroll more than 1,400 middle school students who, along with program instructors, earn more than 800 industry certifications.

CAREER ACADEMY BEST PRACTICE PANEL



FLORIDA CAPE ACADEMIES – WHAT’S NEXT?

2013 – Governor Rick Scott signs landmark law to create a diploma pathway, giving students access to curricula that meets graduation requirements and provides access to industry certifications in more than 200 professions, occupations and careers.

BUSINESS AND LEGISLATORS SUPPORT STRENGTHENING CAPE ACADEMIES

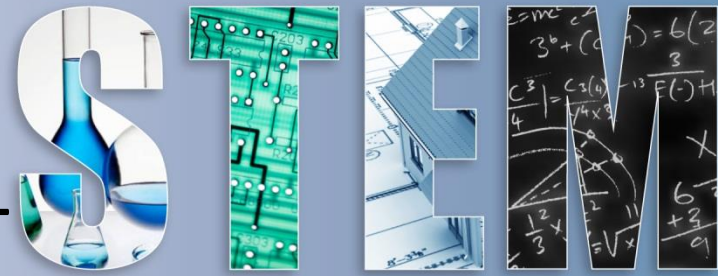
“The Career and Professional Education Act does far more than reform education, it transforms education in our state. This bill lashes education to the realities and opportunities of the economy, making it far more likely that our graduates will earn diplomas and degrees that qualify them for real jobs.”

-- Senate President Don Gaetz

“CAPE academies will equip students with the skills needed for tomorrow’s jobs and this type of education innovation will encourage businesses to invest in Florida. “

-- Mark Wilson, President/CEO, Florida Chamber of Commerce

CAREER ACADEMY BEST PRACTICE PANEL

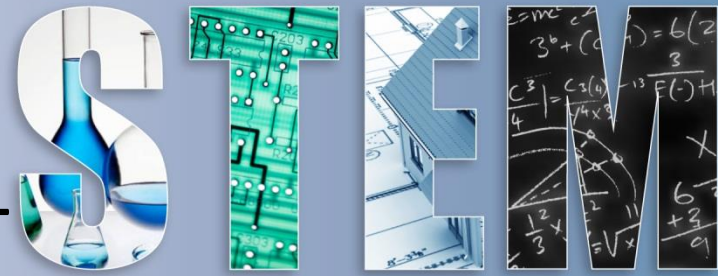


CAPE ACADEMIES

What the Cape Academies are NOT

- Old model shop classes in isolated labs w/ outdated equipment
- Limited skillsets leading to narrowly defined job descriptions that are often no longer in demand

CAREER ACADEMY BEST PRACTICE PANEL



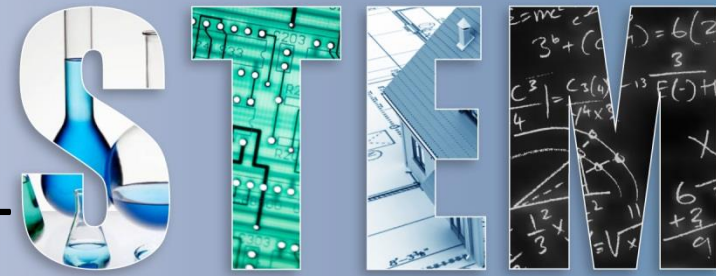
CAPE ACADEMIES

What the Cape Academies are

- Sequence s of rigorous technical courses integrated with academic content leading to broad career pathways
- Leading to marketable industry recognized certifications or licensures
- Statewide articulation agreements awarding college credit
- High Skill / High Wage / High Demand and Labor Market Driven
- Business partner supported through work-based learning, teacher training, and technical advisory committees,
- A positive return on investment for Florida's taxpayers, preparing our future workforce and contributing to it's economic development.



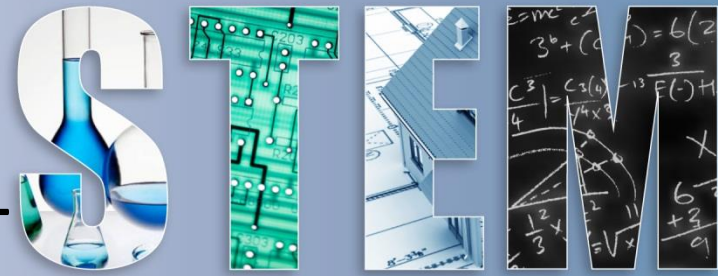
CAREER ACADEMY BEST PRACTICE PANEL



| | Industry Partners |
|---|---|
| Treasure Coast High School | Tropicana |
| Engineering, Automation & Production, Bio-Technology | Phoenix Metal Products |
| Year started: 2007 | Krueger Machine |
| 3 years: Sophomore, Jr. & Sr. | Renegade Light Sport Aircraft |
| Avg. # graduated seniors: 150 | Tamlite Lighting |
| Certifications: <ul style="list-style-type: none">•MSSC Certified Production Technician•Adding Certified Biotechnician this year in our related Industrial Biotech Academy | C & L Technologies Community Asphalt South FL Mfg. Association |



CAREER ACADEMY BEST PRACTICE PANEL



Production Design & Technology Academy

Marion Technical Institute

Automation & Production Technology

Year started: 2006

Avg. # graduated seniors: 20

2 years Jr. & Sr.

Certifications:

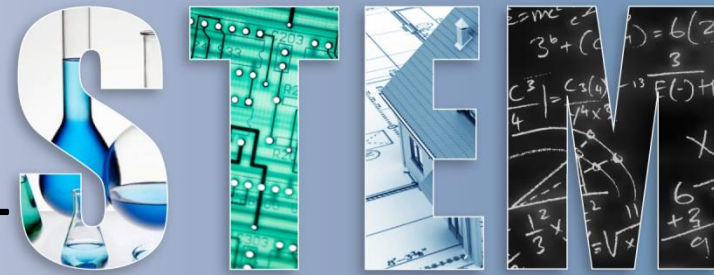
- MSSC CPT
- SolidWorks Associate

Industry Partners

Marion Regional
Manufacturers
Association



CAREER ACADEMY BEST PRACTICE PANEL



Industry Partners



DONARRA EXTRUSIONS, LLC

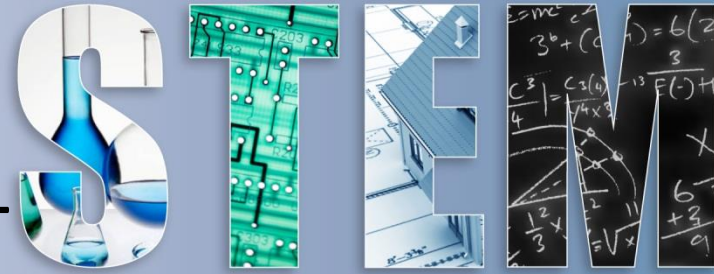


Marion/Service
Roofing & Sheet Metal Company





CAREER ACADEMY BEST PRACTICE PANEL



Engineering Academy

Lakewood Ranch High School

Business and Technology Academy

Year Started 2008

Avg. # graduated seniors: 150

3 years

Certifications:

- MSSC Certified Production Technician
- SolidWorks Associate
- Premier Pro
- CIW(Certified Internet Business Associate)
- Adobe Photoshop, Dreamweaver

Industry Partners

Sun Hydraulics

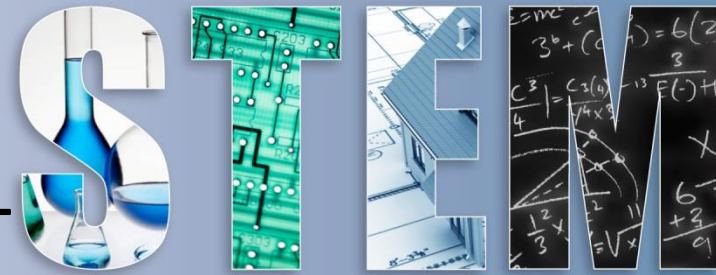
Teakdecking Systems

JRL Ventures Inc.

United Technologies
Corporation



CAREER ACADEMY BEST PRACTICE PANEL



Automation & Production Technology

Industry Partners

Frank H. Peterson Academies of Technology

Atlantic Aviation Inc.,
BAE SYSTEMS,
FSCJ: Aviation Center of Excellence,
G.E. / Unison,
Kaman Aerospace,
Naval Air Systems Command
Fleet Readiness Center Southeast,
Naval Air Station Jacksonville

Automation & Production Technology

Year Started: 2012-2013

1st Year graduated seniors: 6

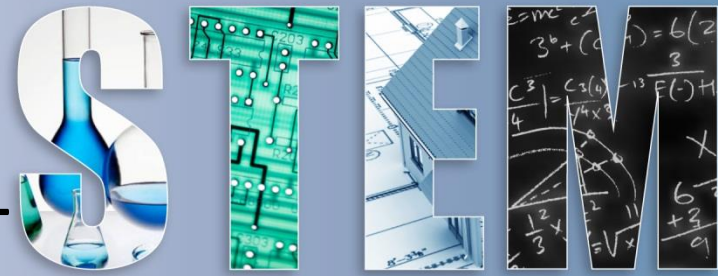
2 years Jr. & Sr.

Certifications:

- MSSC (waiting)
- CPT Safety Exam



CAREER ACADEMY BEST PRACTICE PANEL



Industry Partners

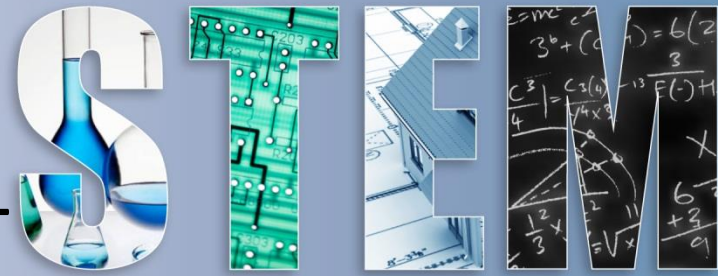


BAE SYSTEMS

UNISON

KAMAN
Aerospace

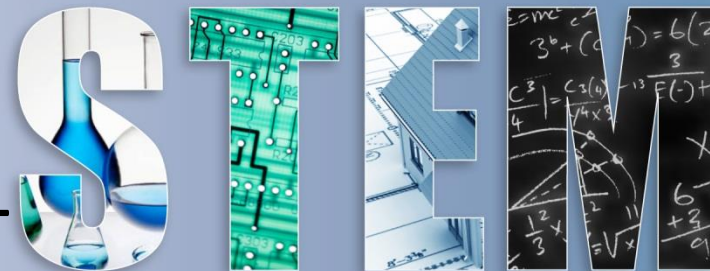
CAREER ACADEMY BEST PRACTICE PANEL



| STUDENTS | Academy |
|-------------------------------|--|
| Grant McGrew Junior | Lakewood Ranch High School |
| Leonardo Murri | |
| James Dempsey | Marion Technical Institute |
| Matthew Denig (2011 Graduate) | Treasure Coast HS |
| Carlos Arteaga | Frank H. Peterson Academies of Technology |
| Taylor Baker | |



CAREER ACADEMY BEST PRACTICE PANEL



Q & A

How to....

- Promote students work experience
- Strength partnership between business/Industry & education communities,
- Increase community awareness: technical education