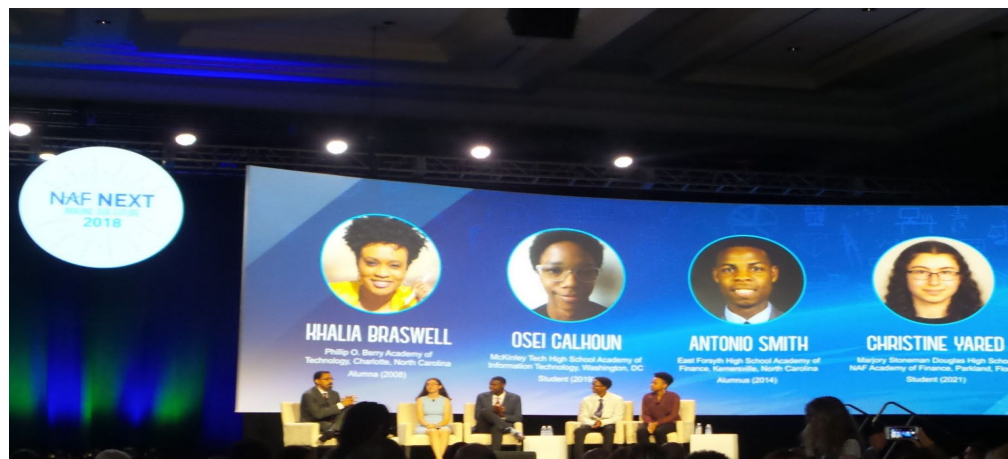


# LEVERAGING THE POWER OF CAREER AND TECHNICAL EDUCATION

ENID VALDEZ, DIRECTOR: CAREER, TECHNICAL, ADULT, AND COMMUNITY EDUCATION

## IN SUPPORT OF COLLEGE, CAREER, AND LIFE READINESS



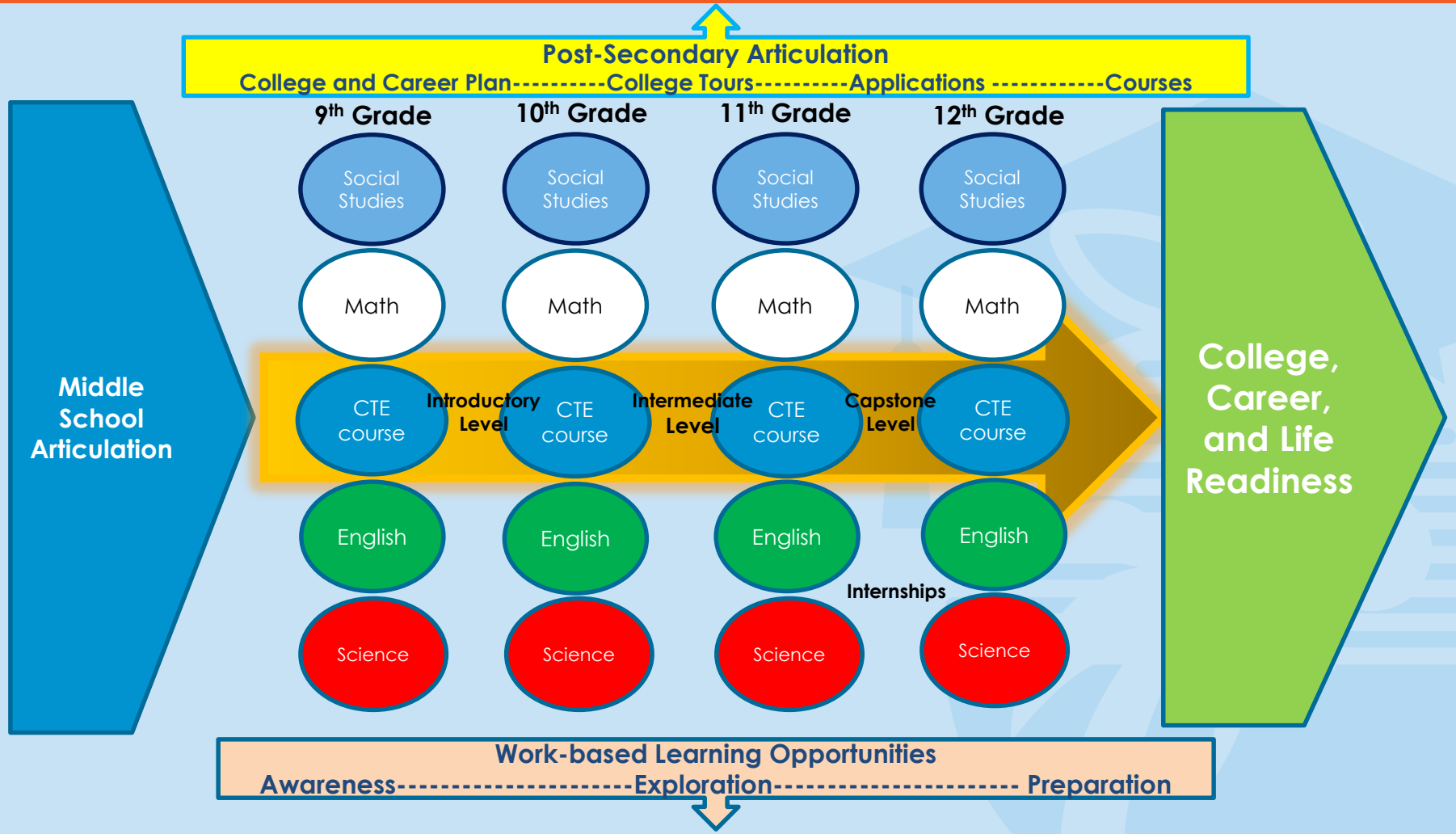
[ACADEMIZE.ORG](http://ACADEMIZE.ORG)

# WHY ARE WE HERE?

- Create a District-wide campaign to brand our School's dynamic career technical academies
- Promote the opportunity through branding to increase enrollment and choice
- Share how career academy students engage in interdisciplinary rigor and success
- Share how we revolutionize teaching and learning
- Expand the campaign to engage business and community partnerships
- Perpetuate, promote, engage paid student internships
- Synchronize financial resources to accomplish potential enhancement and redesign



# CTE PATHWAYS TO ACADEMIES



# CAREER ACADEMIES BENEFIT STUDENTS



Academic Rigor  
and Engagement  
through Scheduling



Soft Skills  
(Employability Skills)  
taught through  
career pathways



Social Emotional  
Learning through  
CTSO enrollment



Career Dual  
Enrollment  
Opportunities



Industry Skill  
Certification for  
Employment  
and/or Articulated  
College Credit



Math/Science  
Credit Waiver



Scholarship  
Opportunity



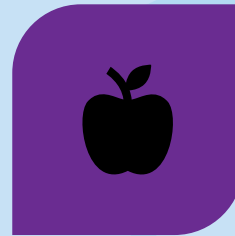
# CAREER ACADEMIES BENEFIT SCHOOLS



BONUS FTE  
FUNDING  
THROUGH CAPE



PERKINS FUNDING



TEACHER BONUS



IMPACTS SCHOOL  
GRADE



# 2017-2018 INDUSTRY CERTIFICATIONS

Current School	Current School	IC Pass	FTE Earned	CAPE Funds	Industry Cert Title	IC Pass	FTE Earned	CAPE Funds
All	MIRAMAR HIGH	822	94.60	\$407,850	Adobe (ACA) - Dreamweaver	1477	295.40	\$1,274,651
	CORAL SPRINGS HIGH	747	112.30	\$484,389	Adobe (ACA) - Illustrator	1246	124.60	\$537,026
Industry Cert Title	DEERFIELD BEACH HIGH	635	103.90	\$448,213	Adobe (ACA) - InDesign	1216	121.60	\$524,096
All	BLANCHE ELY HIGH	560	79.43	\$342,557	ICT Multimedia Essentials	1150	28.75	\$124,200
	CHARLES W. FLANAGAN HIGH	560	63.80	\$275,056	MOS Bundle	1016	163.00	\$703,144
Ind Cert Type	WESTGLADES MIDDLE	523	20.70	\$89,325	Adobe (ACA) - Photoshop CC	809	80.90	\$348,679
All	NOVA HIGH	515	76.05	\$328,147	IC3 Spark	794	19.85	\$85,752
	J.P. TARAVELLA HIGH	481	57.80	\$249,215	Certified Food Protection Manager (ServSafe®)	603	120.60	\$520,389
School Type	MARJORY STONEMAN DOUGLAS HIGH	400	69.60	\$300,272	Adobe (ACA) - Premiere Pro	570	57.00	\$245,670
All	MCARTHUR HIGH	390	65.60	\$283,002	IC3 - Living Online	546	13.65	\$58,968
Current Grade Lvl	EVERGLADES HIGH	385	51.40	\$221,663	Quickbooks Certified User	527	105.40	\$454,801
All	INDIAN RIDGE MIDDLE	384	9.60	\$41,472	Adobe (ACA) - Flash/Animate	432	86.40	\$372,816
	BOYD H. ANDERSON HIGH	363	54.90	\$236,805	ICT Web Design Essentials	384	9.60	\$41,472
Industry Cert Date	CORAL GLADES HIGH	334	48.50	\$209,186	Certified Solidworks Associate-Academic (CSWA-Academic)	371	74.20	\$320,173
8/31/2017 6/13/2018	DILLARD 6-12	333	40.50	\$174,707	Mastercam Associate Certification - Mill Design and Toolpaths	357	35.70	\$153,867
	PIONEER MIDDLE	325	8.65	\$37,361	Certified Medical Administrative Assistant (CMAA)	355	35.50	\$153,005
	WEST BROWARD HIGH	321	46.38	\$200,022	Microsoft Office Specialist: Word	332	8.30	\$35,856
	CYPRESS BAY HIGH	319	48.70	\$210,065	Certified EKG Technician (CET)	258	25.80	\$111,198
	POMPANO BEACH INSTIT OF INTERN	302	43.23	\$186,515	Autodesk Certified User - AutoCAD	219	43.80	\$188,997
	SILVER TRAIL MIDDLE	294	7.35	\$31,752	National ProStart Certificate of Achievement	172	34.40	\$148,436
	HALLANDALE HIGH	285	32.40	\$139,683	Certified Horticulture Professional	120	24.00	\$103,560
	<b>Total</b>	<b>14007</b>	<b>1,636.45</b>	<b>\$7,058,967</b>	Emergency Medical Responder (EMR)	120	12.00	\$51,720
					Child Development Associate (CDA)	89	17.80	\$76,807
					<b>Total</b>	<b>14007</b>	<b>1,636.45</b>	<b>\$7,058,967</b>

Total Passed

14007



# 2018 SCHOOL GRADE ACCELERATION IMPACT

School Name	School Name	2018 School Grade	2018 Total School Grade Points	2018 School Grade w/ 90% Accel	2018 Total School Grade Points w/ 90% Accel	2018 School Grade if No IC Earned	2018 Total School Grade Points if No IC Accel Earned
All	BOYD H. ANDERSON HIGH SCHOOL	C	414	C	430	D	379
Total Graduates	STRANAHAN HIGH SCHOOL	C	418	C	466	C	408
14212	BLANCHE ELY HIGH SCHOOL	C	456	C	478	C	414
Graduates With Accel	PIPER HIGH SCHOOL	C	460	C	498	C	437
8984	HALLANDALE HIGH SCHOOL	C	471	C	472	C	417
Graduates Without Accel	PLANTATION HIGH SCHOOL	C	490	C	532	C	469
5228	SOUTH PLANTATION HIGH SCHOOL	C	490	C	531	C	478
2018 School Acceleration Grade	MIRAMAR HIGH SCHOOL	C	497	C	506	C	461
0.63	SOUTH BROWARD HIGH SCHOOL	C	497	B	540	C	490
Graduates Who Earned At Least One IC	MCARTHUR HIGH SCHOOL	C	515	C	534	C	469
5193	HOLLYWOOD HILLS HIGH SCHOOL	C	519	B	553	C	486
Graduates Who Got Accel Through Other Means (AP, DE, AICE,...)	J. P. TARAVELLA HIGH SCHOOL	C	522	B	566	C	509
3791	CORAL SPRINGS HIGH SCHOOL	C	528	B	556	C	498
Graduates Who Got Accel ONLY Through IC	DEERFIELD BEACH HIGH SCHOOL	C	528	C	531	C	473
3101	MONARCH HIGH SCHOOL	C	529	B	575	C	521
	DILLARD 6-12	C	542	C	569	C	497
	LAUDERHILL 6-12	C	560	C	561	C	560
	CORAL GLADES HIGH SCHOOL	B	581	A	616	B	563
	EVERGLADES HIGH SCHOOL	B	604	A	636	B	589
	CHARLES W FLANAGAN HIGH SCHOOL	A	647	A	658	B	601
	WESTERN HIGH SCHOOL	A	661	A	693	A	648
	COOPER CITY HIGH SCHOOL	A	664	A	686	A	653
	NOVA HIGH SCHOOL	A	668	A	696	A	650
	FORT LAUDERDALE HIGH SCHOOL	A	673	A	687	A	661
	WEST BROWARD HIGH SCHOOL	A	688	A	715	A	673
	MARJORY STONEMAN DOUGLAS HIGH SCHOOL	A	707	A	739	A	695
	High School Grade- A= 1000-615 B= 614-535 C= 534-405 D= 404-315 F= 315-0						
	Combo School Grade- A= 1100-676.5 B= 676.4-588.5 C= 588.4-445.5 D= 445.4-346.5 F= 346.4-0						



# CAREER ACADEMIES BENEFIT THE COMMUNITY



CREATES A WORKFORCE  
PIPELINE



RETAINS LOCAL TALENT FOR  
JOBS AND ECONOMIC  
GROWTH



PROMOTES A POSITIVE  
ALLIANCE BETWEEN OUR  
DISTRICT AND BUSINESS  
COMMUNITY





# HOW DO INDUSTRY CERTIFICATIONS GET CREDENTIALIAED?



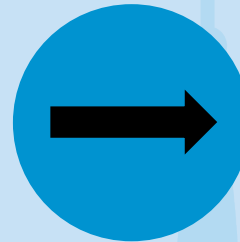
An in-demand industry is identified by local workforce and economic board;



Local workforce and industry association related to career pathway endorse the certification;



CTACE registers the industry certification in the state database;



State workforce and DOE approve the industry credential and place on the funding list;



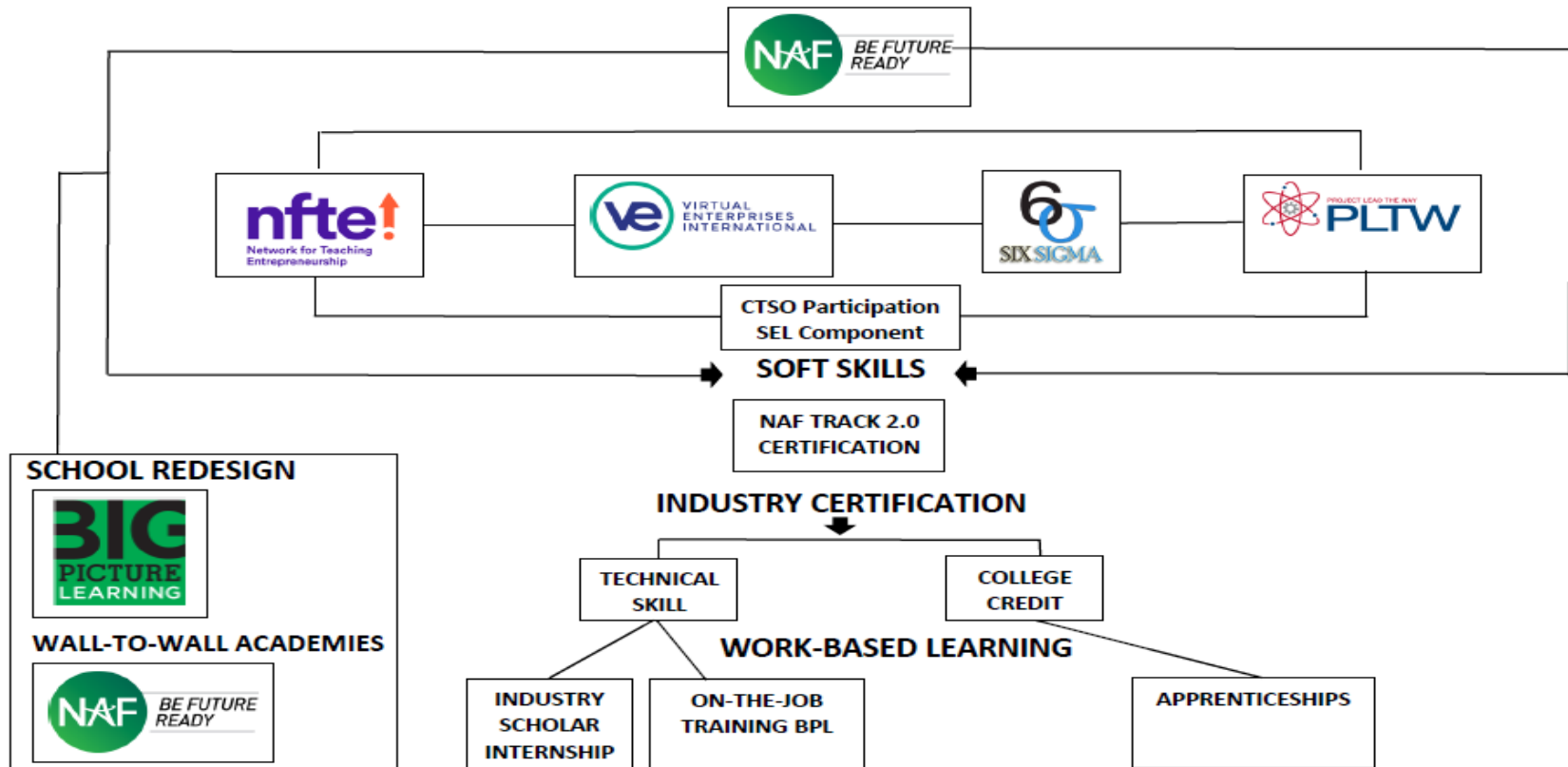
CTACE upon approval from State registers school and industry certification.



# CAREER ACADEMY CURRICULUM RESOURCES

## CAREER PATHWAY CONCENTRATORS

### ACADEMY CURRICULUM STRUCTURE



# ADVISORY BOARDS

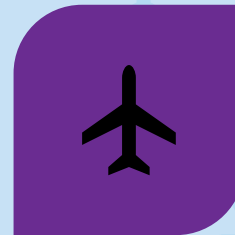
- Build an essential bridge between school and the workplace
- Lead by Business, Community, and Government Leaders
- Collaborate on industry-validated curriculum
- Create talent pipeline by providing work-based learning experiences including paid internships



HEALTH  
SCIENCE



IT



HOSPITALITY  
AND TOURISM



AVIATION



# PAID STUDENT INTERNSHIPS



## **Expectation of 400 NAF student interns for Summer of 2019**

- BCPS hires over 80 students in the summer
- Expectation of 20 Apprenticeship students for Summer 2019

## **CareerSource/Children's Service Collaboration Grant Support**

- Deluca Foundation \$200,000-secured
- JP Morgan Foundation \$100,000-Pending Approval
- Mumford Estate \$500,000-Pending Approval



# APPRENTICESHIP

*Multiple year programs designed and implemented in conjunction with post-secondary and Industry partners to fast-track students into high-skill, high-wage careers after graduation*



## **Construction trades – Leading to Apprenticeship programs of Tech College programs**

Multiple 2-year program formats

- High School Model with ATC– Plantation HS
- Tech College Model with STC – Hollywood Hills HS, McArthur HS
- Industry Model with ABCi – Coconut Creek HS, Dave Thomas Ed. Center (in development)
- Summer pre-apprenticeship internship (job in the field)



## **Aviation – 3-year dual enrollment with BC, 36 college credits**

Miramar HS, expanding to South Broward and McArthur HS

- Students may continue to AS, AA, and BS degree at Broward College
- A&P Technician, pilot, Aviation Management
- Off campus articulation with on-site training at college facility



## **Marine – 3-year dual enrollment with BC, 36 college credits (proposed for 2019-20)**

South Broward HS, Miramar HS and McArthur HS

- Marine Diesel Technician



# SCHOOL SUPPORT – TEACHERS AND STAFF



Virtual Instruction  
(i.e. Cybersecurity)  
GBSI



Industry Experts  
shared throughout  
the District (by  
zone)



TPI Federal Grant –  
105 plus additional  
Computer Coding  
cohort



Badging for  
Expertise



NAF Academy  
Coordinators



Career Advisors

FUNDED THROUGH PERKINS



# FINANCIAL RESOURCES

**CTACE supports CTE in grades 6-12 with the following resources:**

*Carl D. Perkins Federal Grant Secondary CTE Programs: **\$2,463,155 (18-19 grant)***

*School Board Special Project Funding for CTE Expansion: **\$1,200,000***

*Additional Financial Resources Needed: **\$0***

- ✓ Schools are expected to receive over \$7,000,000 from FLDOE CAPE Bonus FTE.
- ✓ Schools will invest approximately \$1,500,000 of this total to self maintain Industry Certification exams and Student Competitions.
- ✓ Schools will have money left for teacher bonuses, and CTE equipment.
- ✓ Self-sustainability will allow CTACE to expand program offerings.
- ✓ School labs can be updated and/or re-designed to create state-of-the art industry settings.



# The School Board of Broward County, Florida

Heather P. Brinkworth, Chair

Donna P. Korn, Vice Chair

Lori Alhadeff

Robin Bartleman

Patricia Good

Laurie Rich Levinson

Ann Murray

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