

Career & Technical Education

CAREER PATHWAYS

October 24, 2023



School Board



Jamie Haynes
Board Chair
District 1



Anita Burnette
Vice Chair
District 2



Ruben Colón
Board Member
District 5



Carl Persis
Board Member
District 4



Jessie Thompson
Board Member
District 3



Dr. Carmen J. Balgobin
Superintendent of Schools



Career & Technical Education

Career Pathways

This presentation aligns to the following goals as part of the Volusia County Schools 2020-2023 Strategic Plan:

- ▶ **Goal 1: High-Quality Instruction**
- ▶ Goal 2: High-Quality Staff
- ▶ Goal 3: Safe & Supportive Environment
- ▶ Goal 4: Resources & Operational Processes
- ▶ Goal 5: Communication & Community Engagement



Career Pathways

“Education with a Purpose”

- ▶ A coherent, articulated sequence of high-quality Career & Technical Education opportunities beginning in the middle grades and continuing through postsecondary education and/or the workforce.
 - ▶ *Multiple exit points*
- ▶ Provides foundational knowledge & skills in a chosen career cluster.
- ▶ Developed, implemented, and maintained in partnership with secondary & postsecondary education as well as, business and industry.



Career Pathways

Benefits & Advantages

- ▶ Bridge the gap between high school, advanced education and training programs.
- ▶ Offer exploration and training in high-skill, high-wage jobs that matter to state and regional economies.
- ▶ Bring purpose and focus to studies as a gateway to real workforce opportunities.
- ▶ Fast track to earning industry and post-secondary credentials.



Pathways to High School

Atlantic High School

Feeders: Campbell MS & Silver Sands MS

Atlantic HS Principal
Mr. Jason Watson

Campbell MS Principal
Ms. Kimberly Matthews

Silver Sands MS Principal
Dr. Richard Inge

MIDDLE SCHOOL TO HIGH SCHOOL PROGRAM ALIGNMENTS

Middle School Pathways	High School Program/Academy
▶ Agriculture, Food & Natural Resources Pathway <i>Silver Sands MS</i>	▶ Aquaculture, Environmental & Marine Science Academy
▶ Information Technology Pathway <i>Campbell MS; Silver Sands MS</i>	▶ Digital Design Program
	▶ Digital Video Technology Program
	▶ Game/Simulation/Animation Visual Design Program
▶ Engineering & Technology Education Pathway <i>Silver Sands MS; Campbell MS</i>	▶ Aerospace Technologies Program
▶ Hospitality & Tourism Pathway <i>Silver Sands MS</i>	▶ Culinary Arts Program
▶ Law, Public Safety & Security Pathway <i>Silver Sands MS</i>	▶ Academy of Law & Government
▶ Marketing, Sales & Service Pathway <i>Campbell MS</i>	▶ Marketing, Management & Entrepreneurial Principles Program



Atlantic High School

*Academy of Technology, Engineering,
Science and Aeronautics (TESA)*





Pathways to High School

Mainland High School

Feeders: Campbell MS, Holly Hill MS & Hinson MS

Mainland HS Principal
Dr. Joseph Castelli

Campbell MS Principal
Ms. Kimberly Matthews

Holly Hill MS Principal
Mr. Robert Voges

Hinson MS Principal
Mr. William Dunnigan

MIDDLE SCHOOL TO HIGH SCHOOL PROGRAM ALIGNMENTS

Middle School Pathways	High School Program/Academy
<p>▶ Information Technology Pathway Campbell MS; Holly Hill MS</p>	<p>▶ Game/Simulation Animation Program</p> <p>▶ Digital Video Technology Program</p> <p>▶ Digital Design Program</p> <p>▶ Journalism & Multimedia Program</p>
<p>▶ Engineering & Technology Education Pathway Campbell MS; Hinson MS; Holly Hill MS</p>	<p>▶ Electrical Program</p>
<p>▶ Health Science Pathway Campbell MS</p>	<p>▶ Academy of Scientific Inquiry & Medicine</p>
<p>▶ Hospitality & Tourism Pathway Hinson MS</p>	<p>▶ Culinary Arts Program</p>
<p>▶ Marketing, Sales & Service Pathway Campbell MS; Holly Hill MS</p>	<p>▶ Entrepreneurship & Marketing Academy</p>



Pathways to High School

New Smyrna Beach High School

Feeder: New Smyrna Beach MS

New Smyrna Beach HS Principal
Mr. Timothy Merrick

New Smyrna Beach MS Principal
Ms. Rebecca Porter

MIDDLE SCHOOL TO HIGH SCHOOL PROGRAM ALIGNMENTS

Middle School Pathways	High School Program/Academy
▶ Agriculture, Food & Natural Resources Pathway <i>New Smyrna Beach MS</i>	▶ Agriscience Academy
▶ Engineering & Technology Education Pathway <i>New Smyrna Beach MS</i>	▶ Building Trades & Construction Design Technology Program
▶ Health Science Pathway <i>New Smyrna Beach MS</i>	▶ Engineering Academy
▶ Hospitality & Tourism Pathway <i>New Smyrna Beach MS</i>	▶ Medical Academy
▶ Information Technology Pathway <i>New Smyrna Beach MS</i>	▶ Culinary Arts Academy
▶ Law, Public Safety & Security Pathway <i>New Smyrna Beach MS</i>	▶ Game/Simulation/Animation Visual Design Program
▶ Marketing, Sales & Service Pathway <i>New Smyrna Beach MS</i>	▶ Criminal Justice Academy
	▶ Marketing, Management & Entrepreneurial Principles Program



Pathways to High School

Seabreeze High School

Feeders: Holly Hill MS & Ormond Beach MS

Seabreeze HS Principal
Mr. Tucker Harris

Holly Hill MS Principal
Mr. Robert Voges

Ormond Beach MS Principal
Ms. Heather Iannarelli

MIDDLE SCHOOL TO HIGH SCHOOL PROGRAM ALIGNMENTS

Middle School Pathways	High School Program/Academy
▶ Arts/AV Technology & Communication Pathway <i>Ormond Beach MS</i>	▶ Digital Design Program
▶ Business Management & Marketing Pathway <i>Holly Hill MS</i>	▶ Digital Video Technology Program
▶ Engineering & Technology Education Pathway <i>Ormond Beach MS; Holly Hill MS</i>	▶ Journalism & Multimedia Program
▶ Health Science Pathway <i>Ormond Beach MS</i>	▶ Marketing, Management & Entrepreneurial Principles Program
▶ Hospitality & Tourism Pathway <i>Ormond Beach MS</i>	▶ Building Trades & Construction Design Technology Program
	▶ Allied Health Academy
	▶ Culinary Arts Program



Pathways to High School

Spruce Creek High School

Feeder: Creekside MS

Spruce Creek HS Principal
Dr. Todd Sparger

Creekside MS Principal
Mr. John Cash

MIDDLE SCHOOL TO HIGH SCHOOL PROGRAM ALIGNMENTS

Middle School Pathways	High School Program/Academy
▶ Arts/AV Technology & Communication Pathway <i>Creekside MS</i>	▶ Digital Video Technology Program ▶ Promotional Enterprise Program ▶ Journalism & Multimedia Program
▶ Business Management & Finance Pathway	▶ Academy of Finance
▶ Engineering & Technology Education Pathway <i>Creekside MS</i>	▶ Academy of Information Technology & Robotics
▶ Hospitality & Tourism Pathway <i>Creekside MS</i>	▶ Culinary Arts Program
▶ Information Technology <i>Creekside MS</i>	▶ Academy of Information Technology & Robotics



New Career Academies 2024-2025

SCHOOL	ACADEMY
Atlantic High School	Game & Simulation Academy
Deland High School	Culinary Arts or Finance
Deltona High School	Culinary Arts
Mainland High School	Criminal Justice
New Smyrna Beach High School	Marketing, Management & Entrepreneurial Principles
Pine Ridge High School	HVAC or Finance
Seabreeze High School	Agritechnology
Spruce Creek High School	Culinary Arts
Taylor Middle/High School	Allied Health Assisting
University High School	Engineering Pathways (PLTW)



Industry Certifications

- ▶ 70 industry certifications offered in middle and high schools.
- ▶ 86% of 53 CTE programs and 27 academies have an aligned industry certification.
- ▶ 41% increase in the number of students tested from 21-22 to 22-23.
- ▶ Pass rate improved by 4% from 21-22 to 22-23.

DID YOU KNOW?

Industry certification holders earn about \$10,000 more per year than the average high school graduate.



New Website

CTE Menu of Options

- ▶ Search by Zip Code, School, or Career Cluster
- ▶ vc.edu.org/academics/career-and-technical-education

School

All Atlantic High DeLand High Deltona High Mainland High
New Smyrna Beach High Pine Ridge High Seabreeze High
Spruce Creek High Taylor Middle/High University High
Volusia Online Learning

Career Cluster

All Agriculture Food & Natural Resources Architecture & Construction
Arts A/V Technology & Communication
Business Management & Administration Education & Training
Engineering Technology Finance Government & Public Administration
Health Science Hospitality & Tourism Information Technology
Law Public Safety & Security Marketing, Sales & Service
Transportation, Distribution & Logistics

SPRUCE CREEK HIGH DELTONA HIGH PINE RIDGE HIGH SEABREEZE HIGH PINE RIDGE HIGH
TAYLOR MIDDLE/HIGH UNIVERSITY HIGH

Accounting Applications
The program explores double-entry accounting

Agritechnology

Air Conditioning, Refrigeration And Heating (HVAC) Technology

CTE VOLUSIA COUNTY SCHOOLS

Keyword Search Search

Search for Zip in the search box.

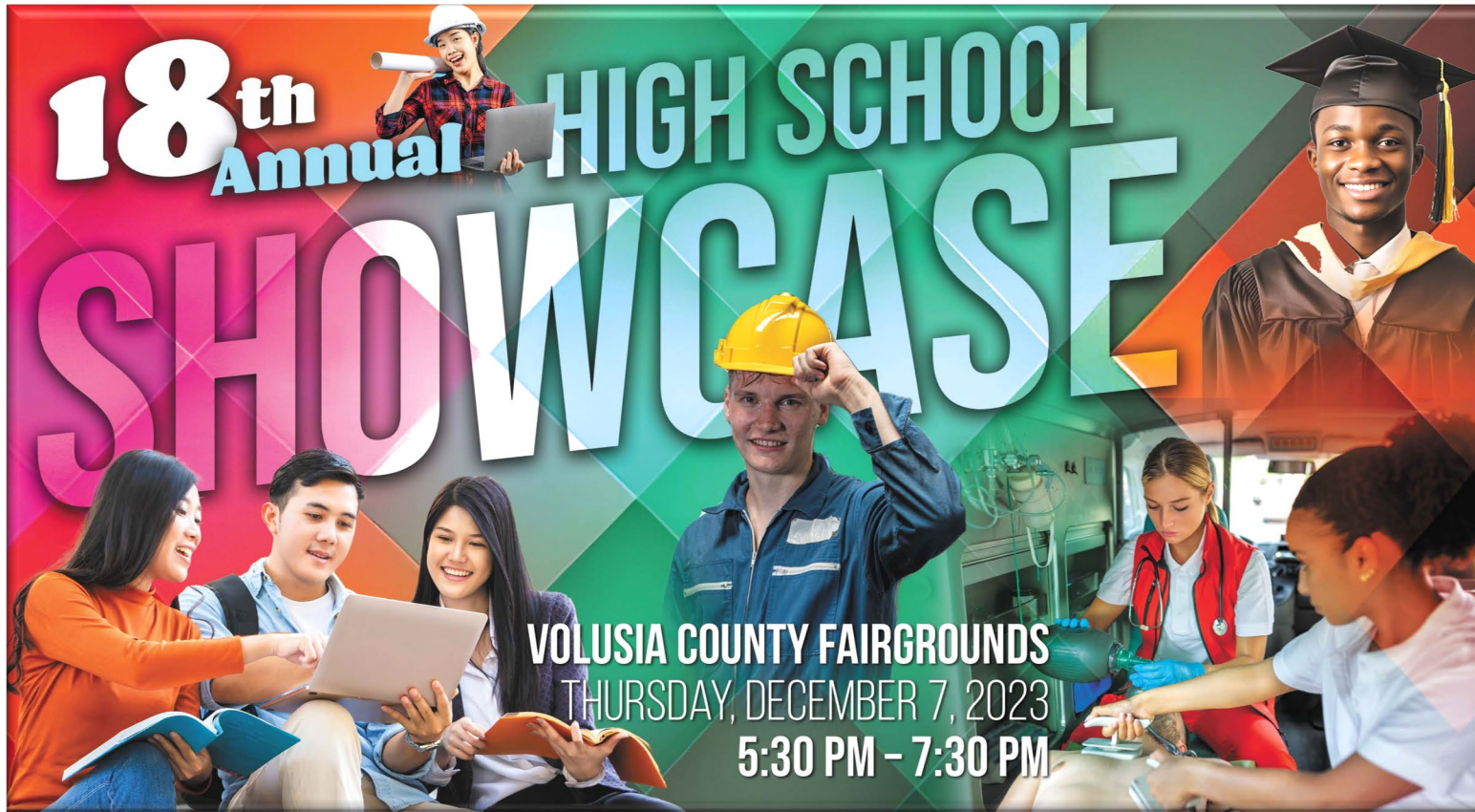
Volusia Online Learning - Providing virtual CTE programs for all students

Programs

Map showing school districts and CTE program locations. Includes a scale bar (0 to 18 miles) and a north arrow.



High School Showcase



- ▶ **Career Academy Applications** available on FOCUS Parent Portal from December 8, 2023 through February 2, 2024.



Contact Information

Dr. Gabriel Berrio

Phone Number: 386-734-7190 x20777

Email Address: gberrio@volusia.k12.fl.us

Dr. Kristin Pierce

Phone Number: 386-734-7190 x20640

Email Address: kbpierce@volusia.k12.fl.us