



Volusia County Schools

“Leading with Grace and Respect”

Dr. Carmen Balgobin
Superintendent of Schools

“Leading with Grace and Respect”

VCS School Board



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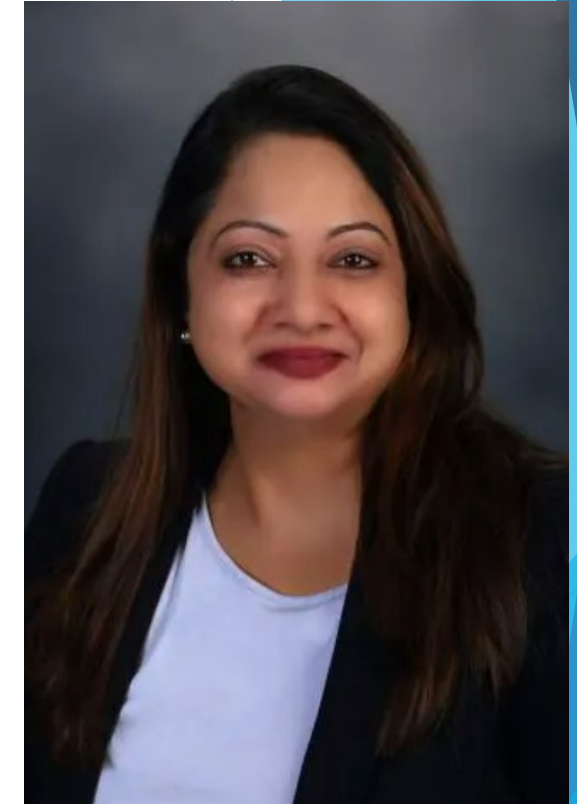
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Dr. Carmen Balgobin
Superintendent of Schools

Graduation Rate 3 Year Comparison

Volusia County Schools' Graduation Rate increased by 4.4 percentage points to 88.9% in 2021-2022 from 84.5% in 2018-2019.

Volusia County Schools had 8 traditional High Schools see an increase in the 3-year change in graduation rates.

School Name	2021-2022	3-Year Change	1-Year Change	2020-2021	Change	2019-2020	Change	2018-2019
VOLUSIA	88.9	4.4	-3	91.9	4.2	87.7	3.2	84.5
ATLANTIC HIGH SCHOOL	89.3	4.2	-2.2	91.5	3.6	87.9	2.8	85.1
DELAND HIGH SCHOOL	92.8	3.5	-3.2	96.0	5.5	90.5	1.2	89.3
DELTONA HIGH SCHOOL	96.0	8.4	-0.8	96.8	2.8	94.0	6.4	87.6
MAINLAND HIGH SCHOOL	86.8	1.6	-1.6	88.4	3.5	84.9	-0.3	85.2
NEW SMYRNA BEACH HIGH SCHOOL	93.8	8.4	-2.3	96.1	2.7	93.4	8	85.4
PINE RIDGE HIGH SCHOOL	83.4	0	-7.5	90.9	0.7	90.2	6.8	83.4
SEABREEZE HIGH SCHOOL	91.6	2.7	-0.5	92.1	2.5	89.6	0.7	88.9
SPRUCE CREEK HIGH SCHOOL	93.7	-0.2	0.2	93.5	-0.6	94.1	0.2	93.9
T. DEWITT TAYLOR MIDDLE-HIGH SCHOOL	87.2	3.4	-3.6	90.8	3.1	87.7	3.9	83.8
UNIVERSITY HIGH SCHOOL	91.7	9.5	-0.5	92.2	10.5	81.7	-0.5	82.2

Graduation Rate Highlights

- Volusia County Schools had 9 traditional high schools maintain or increase their graduation rate from the 2018-2019 school year.
- **Deltona High School** had the highest graduation rate at 96.0%.
- **Spruce Creek High School** saw an increase in their graduation rates with a 0.2 percentage point increase from 93.5% in 2020-2021 to 93.7% in 2021-2022.
- **University High School** saw the largest 3-year, pre-pandemic increase in their graduation rate, moving from 82.2% in 2018-2019 to 91.7% in 2021-2022.
- 4,461 VCS students graduated in 2022 compared to 3,904 in 2021 (10 Traditional High Schools)



Graduation Rate Highlights Continued

ESSA (Every Student Succeeds Act) Subgroups

This year Volusia County had significant 3-year growth from 2018-2019 to 2021-2022 in all ESSA populations as defined by the Florida Department of Education:

- The Black demographic group increased by 9.1 percentage points.
- The Students With Disabilities demographic group increased by 8.6 percentage points.
- The At-Risk demographic group increased by 7.6 percentage points.
- The Hispanic demographic group increased by 6.9 percentage points.
- The Economically Disadvantaged demographic group increased by 5.9 percentage points.
- The English Language Learner (ELL) demographic group increased by 5.2 percentage points
- The White demographic group increased by 2.4 percentage points.
- New Smyrna Beach High School had 100% graduation rates for their Black and Hispanic demographic groups.

Graduation Rate Highlights

Volusia County Schools' Graduation Rate increased by 4.4 percentage points to 88.9% in 2021-2022 from 84.5% in 2018-2019.

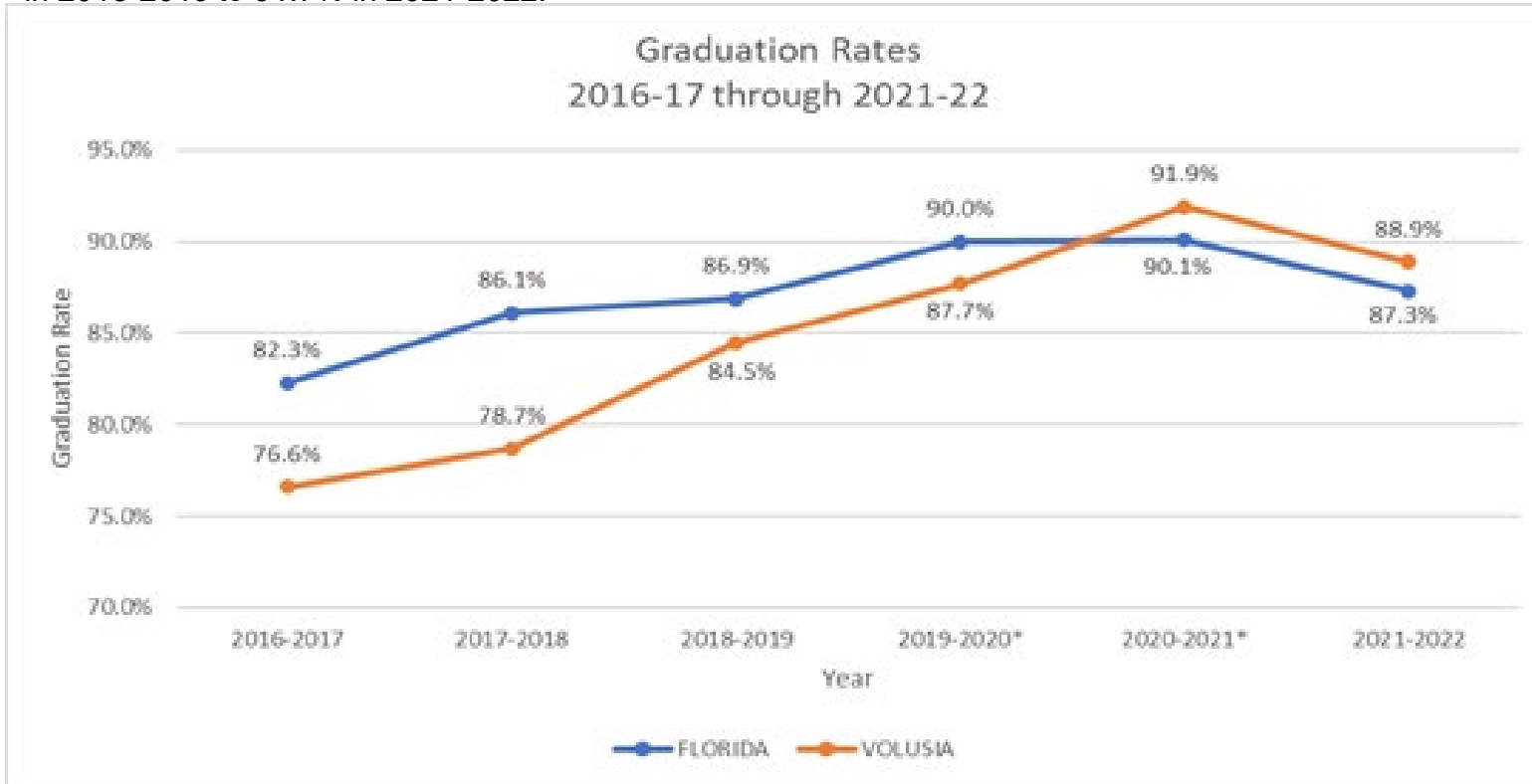
Volusia County School's graduation rate

Volusia County Schools had 8 traditional High Schools see an increase in the 3-year change in graduation rates.

Deltona High School had the highest graduation rate at 96.0% for the 2021-2022 school year.

Spruce Creek had an increase in their graduation rates with a 0.2 percentage point increase from 93.5% in 2020-2021 to 93.7% in 2021-2022.

University High School saw the largest 3-year, pre-pandemic increase in their graduation rate, moving from 82.2% in 2018-2019 to 91.7% in 2021-2022.



Graduation Exemption DOE Language and VCS Data

- ▶ The Federal Uniform Graduation Rate has been finalized and published for schools and districts in Florida.
- ▶ Volusia County's 2021-2022 Graduation Rate is 88.9%.
- ▶ **This is above the Graduation Rate for the State (87.3%) by 1.6 percentage points.**
- ▶ **Volusia County Schools had the highest 3-year Graduation Rate increase within the Central Florida Coalition of school districts.**
- ▶ Volusia County Schools saw a decrease of 3 percentage points from 91.9% to 88.9% compared to the 2020-2021 Graduation Rate, when assessment waivers were in place from the Covid-19 Emergency Orders.
- ▶ According to the Florida Department of Education, when comparing graduation rates, it is important to note that students included in the 2019-2020 and 2020-2021 graduation rates were exempt from state-wide assessment requirements.
- ▶ Approximately 8.5% of the state's 2019-2020 and 7.1% of the 2020-2021 graduating class were granted exemptions.
- ▶ Without the assessment exemptions, graduation rates would have been negatively impacted during these two years.
- ▶ Volusia County's graduation rate (88.9%) increased 4.4 percentage points from the pre-Covid 2018-2019 rate of 84.5% when assessment waivers were not in place.



Goal 1: HIGH QUALITY INSTRUCTION

College and Career Readiness-SAT School Day

▶ October 12

- ▶ PSAT 8/9 for 8th grade (100% of funding provided by College Board Partnership)
- ▶ PSAT 8/9 for 9th grade
- ▶ PSAT NMSQT 10 (100% of funding provided by the state) AP potential and concordant score opportunity
- ▶ PSAT NMSQT 11-National Merit Scholarship Qualifying Test, AP potential and concordant score opportunity
- ▶ SAT 12th Grade

135 seniors, who had not passed FSA ELA, earned the concordant score through the School Day SAT on 10/12/2022*

129 seniors, who had not passed the Algebra 1 EOC, earned the concordant score through the School Day SAT on 10/12/22*

**Concordant scores have increase for students who entered 9th grade in in 2019-20 compared to previous years' concordant requirements*

▶ November 1, 2022

- ▶ Digital SAT Pilot
- ▶ 100% of funding provided by College Board
- ▶ Free additional opportunity for seniors for college reporting and graduation readiness concordant score

▶ April 12 SAT, 2023

- ▶ HS Juniors (100% of funding provided by the state)
- ▶ Opportunity for 11th graders for college reporting and concordant score

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Goal 1: HIGH QUALITY INSTRUCTION

ADVANCED Programs

► Advancement Via Individual Determination (AVID)



- The AVID program develops study skills and academic goal setting strategies that are essential to success in rigorous coursework.
- AVID acts as a catalyst for schools to develop a culture of college readiness for all students across the campus.
- In the AVID Elective class, students receive daily instruction and support to prepare them for college from a trained AVID Elective teacher.
- AVID impacts students schoolwide as academic strategies like problem-solving, writing to learn, inquiry, collaboration, organizational skills, and critical reading (WICOR) are taught in all classes by teachers who have been trained to use AVID strategies in their specific content areas.

➤ *AVAILABILITY: AVID courses are available at all Volusia High Schools.*

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AVID Graduation Highlights

- **Graduation rate: 100% (above district and state)**
- **92% of AVID students applied to college and 82% were accepted.**
- **76% took at least one AP, IB, Cambridge or dual enrollment class.**
- **100 % took ACT/SAT**



Goal 1: HIGH QUALITY INSTRUCTION

ADVANCED Programs

▶ Advanced Placement (AP)



- ▶ The AP program is a challenging academic program designed to provide motivated high school students with a variety of college-level academic courses.
- ▶ The AP program is a cooperative, educational endeavor between secondary schools and colleges and universities and is considered a standard for academic excellence in the U.S.
- ▶ AP provides a challenging educational program that prepares students for selective universities and colleges.
- ▶ AP is a rigorous program dedicated to educational excellence with a long-standing history in the United States.
- ▶ *AVAILABILITY: AP Courses are available at all Volusia High Schools.*

Goal 1: HIGH QUALITY INSTRUCTION

ADVANCED Programs

- ▶ **Cambridge Advanced International Certificate of Education (AICE)**



- ▶ The Cambridge (AICE) Advanced International Certificate of Education Diploma Award is based on a rigorous international curriculum with a global examination system that emphasizes the value of broad and balanced study within college-level academic courses.
- ▶ Along with an in-depth understanding of a variety of subjects, students master a broader range of skills critical for success in university study, such as independent and reflective thinking and pursue the AICE International Diploma.
- ▶ *AVAILABILITY: The AICE Program is available at Deltona High School, Pine Ridge High School, New Smyrna Beach High School, Seabreeze High School and University High School.*

Goal 1: HIGH QUALITY INSTRUCTION

ADVANCED Programs

▶ International Baccalaureate (IB)



- ▶ The IB program provides a comprehensive and rigorous education emphasizing analytical thinking, reading and writing skills with an international perspective.
 - ▶ Students may choose to pursue the IB diploma or take individual certificates in IB courses.
 - ▶ The IB Diploma program is designed as an academically challenging and balanced program with final assessments that prepare students for success in college and life beyond.
 - ▶ The IB diploma program is a two-year program for juniors and seniors.
 - ▶ College credit may also be earned depending on the subject results and the individual university acceptance policies.
-
- ▶ *AVAILABILITY: The IB Program is available at DeLand High School and Spruce Creek High School.*

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Goal 1: HIGH QUALITY INSTRUCTION

College and Career Readiness Dual Enrollment Opportunities

- ▶ Daytona State College dual enrolled students. Total enrollment this year is comparable to last year:
 - ▶ Spring 2022 - 1,589
 - ▶ Spring 2023 - 1,500
- ▶ **DSC AA Degrees**
 - ▶ 2020-2021: 147
 - ▶ 2021-2022: 128
- ▶ University of Florida dual enrolled students Fall 2022: 47



Proposed DSC CTE Expansion of Programs

- **Daytona State College Deltona Campus**
 - Machining-Projected Enrollment for Fall 2024
 - Proposed HVAC OR Welding-Projected Enrollment for Fall 2024
- **Daytona State College New Smyrna Beach Campus**
 - Machining
 - Coming soon: Students will have the ability to tour the facility and utilize the Virtual Reality equipment to introduce them to welding and spark interest in the program

DSC CTE Update

	Fall 2021	Fall 2022
Total Enrollment	1,587	1,707
CTE Enrollment (included in totals above)	17	32

Students completing vocational certificate in the upcoming semesters:

Welding **18** students will graduate in Spring 23
 Auto Collision **5** students will graduate this Fall 22
 HVAC **6** students will graduate in Spring 23

New cohorts:

Spring 2023

Machining only (NSB)

Fall 2023

HVAC
 Machining
 Auto Collision
 Welding

Planning for Summer/Fall 2023 Enrollment

- ▶ **Programs to be offered (all new cohorts) – Options across the District**
 - HVAC Mechanic – ATC
 - Construction – ATC
 - Auto Collision - ATC
 - Welding – Daytona
 - Machining – New Smyrna
- ▶ Students interested in these programs would provide their own transportation to the DSC site.

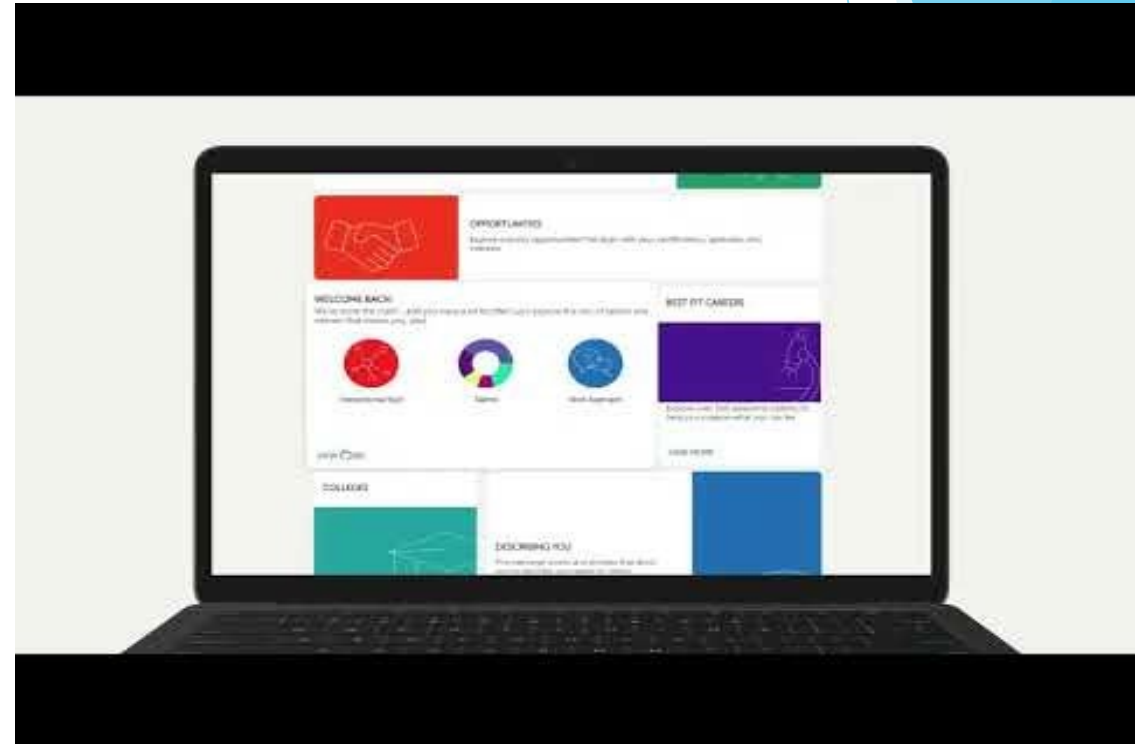
Daytona State College Dual Enrollment Outreach and Promotion

- DSC/VCS Calendar alignment
- DSC sending regular communications to notify and remind students of deadlines
- DSC sending postcards to eligible students to advertise Fall 23 enrollment
- Regularly scheduled Information Sessions
- DSC visiting all 10 high schools during the month of February
- DSC attends Counselor/Counseling Director meetings, Data AP, and Principal
- DSC hosts annual kickoff meeting

Goal 1: HIGH QUALITY INSTRUCTION

You Science

- ▶ Career Discovery Program
Connecting Student Aptitudes & Interests to In Demand Careers:
 - ▶ *8th & 10th Grade Students took the Survey in 22-23*



Goal 1: HIGH QUALITY INSTRUCTION

Interest and Aptitude Results

High School Results by INTEREST	High School Results by APTITUDE
Teaching*	Health Science*
Human Services*	Advanced Manufacturing*
Law & Public Safety*	Arts & Media*
Arts & Media*	Computers & Technology*
Health Science*	Agriculture & Natural Resources*
Distribution & Logistics*	Architecture & Construction*

Goal 1: HIGH QUALITY INSTRUCTION

Interest and Aptitude Results - 8th Graders

Middle School Results by INTEREST	Middle School Results by APTITUDE
Arts & Media	Health Science
Teaching	Agriculture & Natural Resources
Human Services	Advanced Manufacturing
Law & Public Safety	Finance
Sales & Marketing	Computers & Technology



CTE Programs

55 Programs of Study

91 Total Programs

ATLANTIC HIGH SCHOOL

Culinary Arts
Digital Audio Recording Technology
Digital Media/Multimedia Design
Digital Video Technology
Diversified Career Technology/On the Job Training
Gaming/Simulation/Animation Visual Design
Marketing, Management & Entrepreneurial Principles
Principles of Teaching

DELAND HIGH SCHOOL

Animal Science & Services
Building Trades & Construction Design Technologies Carpentry
Computer Systems Information Technology (CSIT) Culinary Arts
Digital Media/Multimedia Design Digital Video Technology
Diversified Career Technology/On the Job Training
Early Childhood Education Emergency Medical Responder
Marketing, Management & Entrepreneurial Principles
Promotional Enterprise
Technical Agriculture Operations

DELTONA HIGH SCHOOL

Agritechnology
Building Trades & Construction Design Technology
Culinary Arts
Digital Media/Multimedia Design
Digital Video Technology
Early Childhood Education
Firefighting
Promotional Enterprise

MAINLAND HIGH SCHOOL

Digital Media/Multimedia Design
Digital Video Technology
Diversified Career Technology/On the Job Training
Engineering Pathways (PLTW)
Culinary Arts
Criminal Justice
Electrical

Firefighting
Game/Simulation/Animation Visual Design
Journalism & Multimedia
Cybersecurity
Web Application Development & Programming
Marketing, Management & Entrepreneurial Principles

NEW SMYRNA BEACH HIGH SCHOOL

Animal Science & Services
Aquaculture
Building Trades & Construction Design Technology
Culinary Arts
Digital Video Technology
Diversified Career Technology/On the Job Training
Sport, Recreation & Entertainment Marketing
Game/Simulation/Animation Programming
Public Safety & Telecommunications (911 Dispatch)

PINE RIDGE HIGH SCHOOL

Agritechnology
Applied Cybersecurity
Animal Science & Services
Culinary Arts
Digital Media/Multimedia Design Early Childhood Education
HVAC

SEABREEZE HIGH SCHOOL

Agritechnology
Building Trades & Construction Design Technologies Culinary Arts
Digital Media/Multimedia Design
Digital Video Technology
Diversified Career Technology/On the Job Training
Emergency Planning & Response
Journalism & Multimedia
Marketing, Management & Entrepreneurial Principles

This area for
webcam

SPRUCE CREEK HIGH SCHOOL

Accounting Applications
Culinary Arts
Digital Video Technology
Diversified Career Technology/On the Job Training
Journalism & Multimedia
Promotional Enterprise
Web Development

TAYLOR MIDDLE-HIGH SCHOOL

Agritechnology
Allied Health
Animal Science & Services
Building Trades & Construction Design Technologies
Digital Media/Multimedia Design
Electrical
Marketing, Management & Entrepreneurial Principles

UNIVERSITY HIGH SCHOOL

Agritechnology
Criminal Justice Operations
Culinary Arts
Cybersecurity
Digital Media/Multimedia Design Digital Video Technology
Diversified Career Technology/On the Job Training
Environmental Technologies
Engineering Pathways (PLTW)
Exercise Science
Marketing, Management & Entrepreneurial Principles

CAREER & TECHNICAL EDUCATION (CTE)

Middle School Programs by School

2022 - 2023

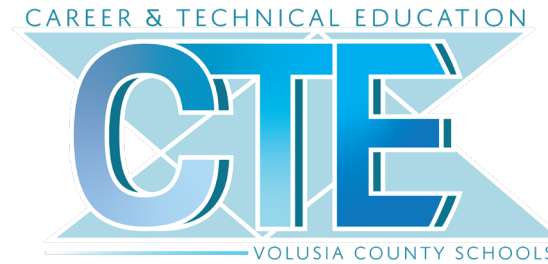


CAMPBELL MIDDLE SCHOOL	HOLLY HILL SCHOOL
Business Keyboarding Digital Information Technology Computer Applications of Business Fundamentals of Culinary Careers Exploration of Hospitality and Tourism Introduction to Technology Exploring Technology Exploration of Robotics Technology Orientation to Health Occupations	Business Keyboarding Computer Applications of Business Fundamentals of Manufacturing Exploring Technology
CREEKSIDE MIDDLE SCHOOL	NEW SMYRNA BEACH MIDDLE SCHOOL
Business Keyboarding Digital Information Technology Computer Applications of Business Fundamentals of Culinary Careers Exploring Technology Fundamentals of Agriculture Systems Orientation to Agriscience	Digital Information Technology Computer Applications of Business Fundamentals of Agriculture Systems Orientation to Agriscience Introduction to Agriscience Fundamentals of Culinary Careers Exploration of Hospitality and Tourism Introduction to Technology Exploring Technology Exploration of Production Technology Orientation to Health Occupations Exploration of Health Occupations
DAVID C. HINSON MIDDLE SCHOOL	ORMOND BEACH MIDDLE SCHOOL
Digital Information Technology Computer Applications of Business Introduction to Technology Exploring Technology Exploration of Robotics Technology Exploration of Hospitality and Tourism Fundamentals of Culinary Careers	Digital Information Technology Computer Applications of Business Fundamentals of Manufacturing Exploring Technology Fundamentals of Culinary Careers Exploration of Hospitality and Tourism Orientation to Career and Technical Education Orientation to Health Occupations Exploration of Health Occupations
DELAND MIDDLE SCHOOL	RIVER SPRINGS MIDDLE SCHOOL
Digital Information Technology Computer Applications of Business Introduction to Technology Exploring Technology Exploration of Robotics Technology Fundamentals of Culinary Careers Fundamentals of Agriculture Systems Orientation to Agriscience Introduction to Agriscience	Digital Information Technology Computer Applications of Business Exploring Technology Exploration of Communications Technology Fundamentals of Culinary Careers Fundamentals of Agriculture Systems Orientation to Agriscience Introduction to Agriscience Exploration of Agriscience
DELTONA MIDDLE SCHOOL	SILVER SANDS MIDDLE SCHOOL
Digital Information Technology Computer Applications of Business Fundamentals of Culinary Careers Emerging Technology in Business Customer Promotion Layout and Design Fundamentals of Agriculture Systems Orientation to Agriscience Introduction to Agriscience	Digital Information Technology Computer Applications of Business Introduction to Technology Exploring Technology Fundamentals of Culinary Careers Fundamentals of Agriculture Systems Orientation to Agriscience Introduction to Agriscience
GALAXY MIDDLE SCHOOL	SOUTHWESTERN MIDDLE SCHOOL
Digital Information Technology Computer Applications of Business Exploring Technology	Computer Applications of Business Business Leadership Skills Introduction to Technology Exploring Technology Fundamentals of Culinary Careers
HERITAGE MIDDLE SCHOOL	T. DEWITT TAYLOR MIDDLE-HIGH SCHOOL
Digital Information Technology Computer Applications of Business Fundamentals of Agriculture Systems Orientation to Agriscience Introduction to Agriscience	Digital Information Technology Computer Applications of Business Orientation to Career Clusters Exploration of Agriscience Orientation to Agriscience Introduction to Agriscience Orientation to Health Occupations Exploration of Health Occupations

Goal 1: HIGH QUALITY INSTRUCTION

Career Academies

► NEW Career Academies for 23-24



SCHOOL	ACADEMY
Atlantic High School	Teaching, Leading & Learning Academy
Deltona High School	Early Childhood Education Academy
Deltona High School	Firefighting Academy
Mainland High School	Business & Public Relations Academy
New Smyrna Beach High School	Agriscience Academy
New Smyrna Beach High School	Education Academy

Goal 1: HIGH QUALITY INSTRUCTION

NEW Middle School CAREER PATHWAYS 23-24

- ▶ Sequence of Courses Offered in Grades 6 through 8 for Career Area Introduction and Exploration
- ▶ NEW Career Pathways Align to High School CTE Programs
 - ▶ *Aerospace Pathway - Deland MS; Deltona MS; Campbell MS; Holly Hill MS; Southwestern MS*
 - ▶ *Arts/AV Pathway - Creekside MS; New Smyrna Beach MS*
 - ▶ *Culinary Arts Pathway - Heritage MS*
 - ▶ *Criminal Justice Pathway - Silver Sands MS*
 - ▶ *Health Science Pathway - Galaxy MS*
 - ▶ *Information Technology Pathway - River Springs MS*
 - ▶ *Marketing/Entrepreneurship - Campbell MS; Holly Hill MS*
 - ▶ *Manufacturing - Heritage MS*



Goal 1: HIGH QUALITY INSTRUCTION

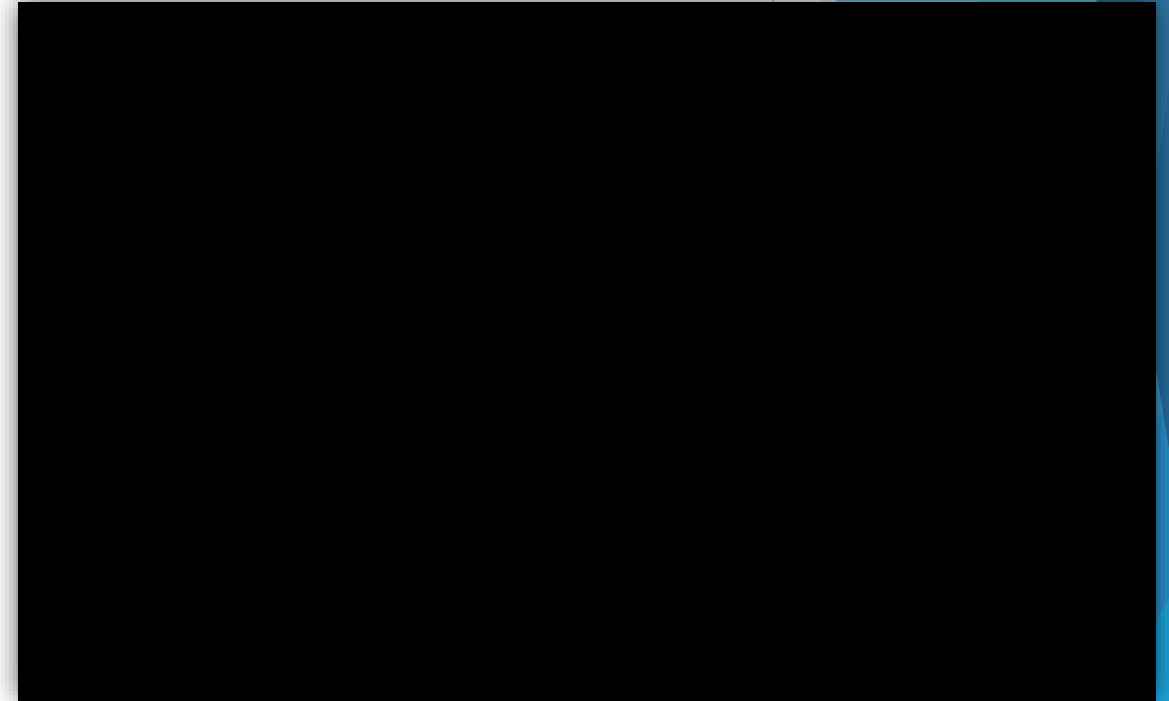
ConneCTEed to the Community

- ▶ NEW Trades Programs:
 - ▶ *Electrical - Taylor HS & Mainland HS*
 - ▶ *HVAC - Pine Ridge HS*
 - ▶ *Automotive - Atlantic HS*
- ▶ NEW Health Science Programs:
 - ▶ *Yearly for 5 Years in Middle & High Schools*
 - ▶ *Dental Aide Program - Deltona HS (23-24)*

Goal 1: HIGH QUALITY INSTRUCTION

Community Partnerships in CTE

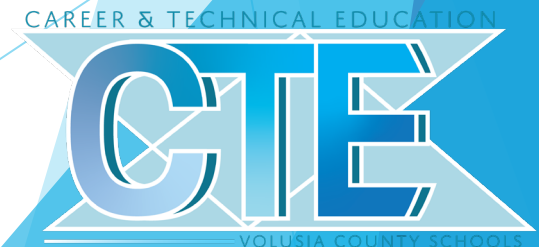
- ▶ Advisory Board Members
- ▶ Guest Speakers, Mentors, Field Studies & Job Shadowing Opportunities
- ▶ Paid Internships
 - ▶ [Health Science Programs](#)
 - ▶ [Career Academies](#)
- ▶ Donations & Sponsorships
 - ▶ *Time, Money, Supplies or Equipment*
- ▶ **EMPLOYMENT OPPORTUNITIES!**
 - ▶ *For Students Earning Industry Certifications*



Goal 1: HIGH QUALITY INSTRUCTION

Embry Riddle Aeronautical

- ▶ Dual Enrollment at Atlantic High School
- ▶ Academy of Technology, Science & Aeronautics
 - ▶ Dual Enrolled Courses:
 - ▶ AS 121 Private Pilot Ground School
 - ▶ AS 220 Unmanned Aircraft Systems
 - ▶ AS 235 Unmanned Aircraft Systems Operations & Cross-Country Data Entry
 - ▶ Proposed expansion of partnership and program for Deland High School 23-24 (NEW)
 - ▶ Gaetz Institute Program Fund Request
 - ▶ Instructor provided by ERAU first 2 years If funding is acquired
 - ▶ Introduction of Aerospace at Middle Schools 23-24 (NEW)
 - ▶ Deland MS; Deltona MS; Campbell MS; Holly Hill MS & Southwestern MS



Middle School Aerospace Program

Course Progression

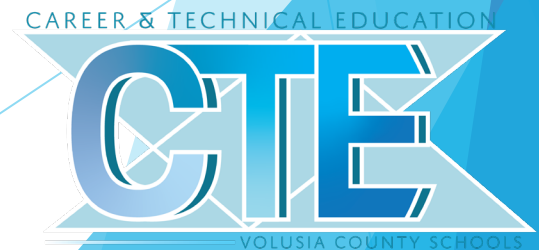


Course

Intro to Technology - 6th Grade 8600010

Exploration Technology - 7th Grade 8600020

Aerospace Technology - 8th Grade 8600050



Goal 1: HIGH QUALITY INSTRUCTION

NEW Website Menu of CTE Options

- ▶ Search by Zip Code, School, or Career Cluster
- ▶ <https://www.vcsedu.org/academics/career-and-technical-education>

