

Career, Technical, & Adult Education

Todd
Bowden,
Executive
Director

Sarasota
County
Schools



CTE Snapshot



- 32** CTE Programs in High Schools & Middle Schools
- 39** CTE Programs offered at SCTI for High School students and adults
- 6** High Schools with CTE Programs and SCTI
- 9** Middle Schools with CTE Programs including Pine View
- 99** CTE Teachers in High Schools, Middle Schools & SCTI
- 74** Industry Certifications held by **42** CTE Teachers

2011-2012 By The Numbers



- 5,170** Total High School Students Enrolled in CTE Programs
- 4,033** Total Middle School Students Enrolled in CTE Programs
- 1,194** Total Adult Students Enrolled in PSAV Programs
- 3,130** Total Adult Students Enrolled in AGE Programs

2011-2012 By The Numbers



1,097 Total Number of High School Students Completing a Career Pathway

935 Industry Certifications Earned by **858** High School Students

221 Students Earning Ready-to-Work

3,086 LCPs earned by Adult AGE students

2,243 OCPs earned by Adult PSAV students

17 Career Clusters



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

15 Career Clusters in Sarasota County



- **Agriculture, Food & Natural Resources**
- **Architecture & Construction**
- **Arts, AV Technology & Communication**
- **Business, Management & Administration**
- **Education & Training**
- Energy
- **Engineering & Technology Education**
- Finance
- **Government & Public Administration**
- **Health Science**
- **Hospitality & Tourism**
- **Human Services**
- **Information Technology**
- **Law, Public Safety & Security**
- **Manufacturing**
- **Marketing, Sales & Service**
- **Transportation, Distribution & Logistics**



Career & Technical Education Career Clusters
in Sarasota County Schools

Agriculture, Food & Natural Resources

MIDDLE SCHOOL

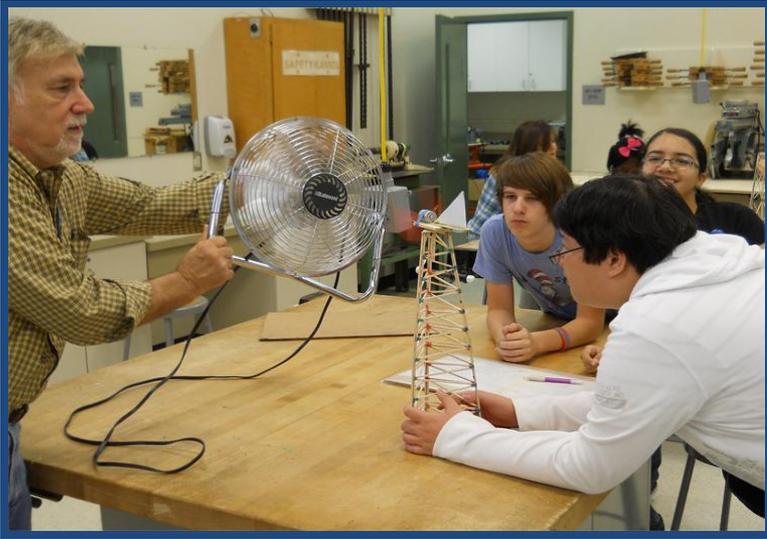
-Agriscience

HIGH SCHOOL

-Aquaculture
-Veterinary
Assisting

POSTSECONDARY

-Veterinary Assisting



Architecture & Construction

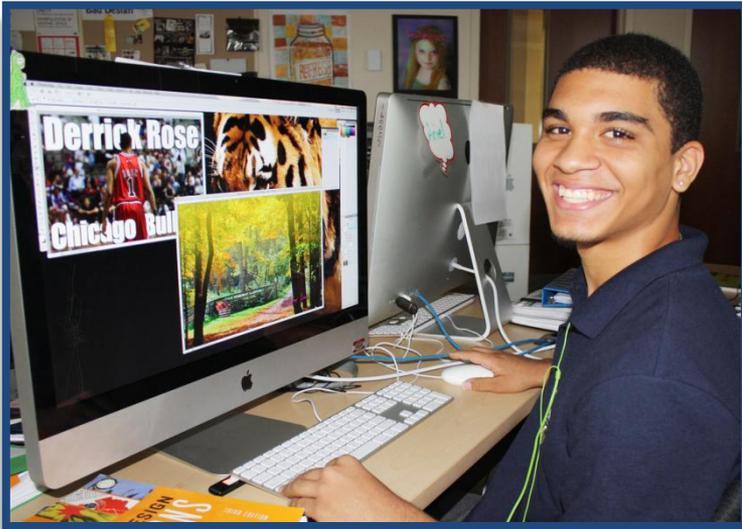
HIGH SCHOOL

- Building Trades & Construction Design Technology
- Drafting*

POSTSECONDARY

- Architectural Drafting*
- Drafting*
- Electrical Apprenticeship
- HVAC Apprenticeship
- Plumbing Apprenticeship

Career & Technical Education Career Clusters
in Sarasota County Schools



Arts, A/V Technology, & Communication

MIDDLE SCHOOL

- Fundamentals of A/V and Print Technology

HIGH SCHOOL

- Digital Design
- Digital Video Production

POSTSECONDARY

- Digital Design
- Digital Video Production

Career & Technical Education Career Clusters
in Sarasota County Schools



Business Management & Administration

HIGH SCHOOL

- Accounting Applications
- Administrative Office Specialist
- Business Supervision & Management
- Customer Assistance Technology
- Electronic Business Enterprise
- International Business
- Legal Administrative Specialist
- Medical Administrative Specialist

POSTSECONDARY

- Accounting Operations
- Administrative Office Specialist
- Business Supervision & Management
- Customer Assistance Technology
- Electronic Business Enterprise
- Legal Administrative Specialist
- Medical Administrative Specialist

Career & Technical Education Career Clusters
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Education & Training

HIGH SCHOOL

-Early Childhood Education

POSTSECONDARY

-Early Childhood Education

-Early Childhood
Apprenticeship



Engineering

MIDDLE SCHOOL

-Integrated Technology
Studies*

HIGH SCHOOL

-Drafting & Illustrative Design*
-Engineering Technology*
-Pathways to Engineering*
-Technology Studies

Career & Technical Education Career Clusters
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Government & Public Administration



POSTSECONDARY

-Public Works



Health Science

HIGH SCHOOL

- Allied Health Assisting
- Biomedical Science*
- Emergency Medical Responder
- Health & Wellness
- Medical Laboratory Assisting
- Nursing Assistant
- Practical Nursing

POSTSECONDARY

- Emergency Medical Technician
- Medical Laboratory Assisting
- Nursing Assistant
- Paramedic
- Phlebotomy
- Practical Nursing
- Surgical Technology

*Science, Technology, Engineering, & Math (STEM)

Career & Technical Education Career Clusters
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Hospitality & Tourism

MIDDLE SCHOOL

- Exploring Hospitality and Tourism Careers
- Fundamentals of Culinary Careers

HIGH SCHOOL

- Commercial Foods & Culinary Arts
- Culinary Arts
- Hospitality & Tourism

POSTSECONDARY

- Commercial Foods & Culinary Arts
- Culinary Arts Apprenticeship

Career & Technical Education Career Clusters
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Human Services

MIDDLE SCHOOL

- Fundamentals of Human Service Careers
- Introduction to Human Services Careers
- Personal Development

HIGH SCHOOL

- Cosmetology

POSTSECONDARY

- Cosmetology
- Facials Specialty
- Nails Specialty



Information Technology

MIDDLE SCHOOL

- Information and Communications Technology (ICT) Essentials

HIGH SCHOOL

- Computer Systems & IT
- Game/Simulation/Animation:
 - Visual Design
- Java Development & Programming
- Multimedia Design Technology
- PC Support Services*
- .NET Application Development & Programming
- Web Development

POSTSECONDARY

- Applied Cybersecurity*
- Computer Systems & IT
 - Multimedia Design Technology
- .NET Application Development & Programming

*Science, Technology, Engineering, & Math (STEM)

Career & Technical Education Career Clusters
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Law, Public Safety, & Security

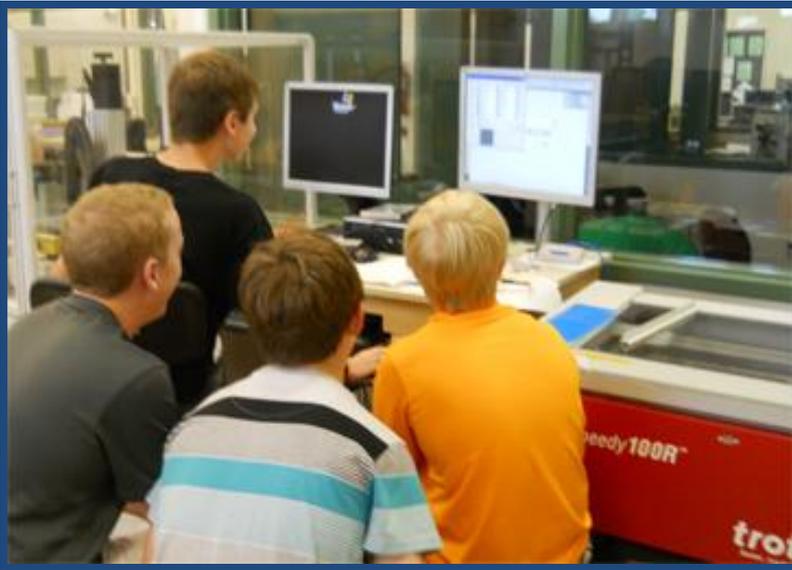
HIGH SCHOOL

- Criminal Justice Operations
- Intro to Fire Fighting

POSTSECONDARY

- Correctional Officer
- Crossover: Correctional Officer
to Law Enforcement Officer
- Crossover: Law Enforcement
Officer to Correctional Officer
- Fire Fighter
- Law Enforcement Officer

Career & Technical Education Career Clusters
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Manufacturing

MIDDLE SCHOOL

-Fundamentals of
Manufacturing*

*Science, Technology, Engineering, & Math (STEM)



Career & Technical Education Career Clusters
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Marketing Sales & Service

HIGH SCHOOL

-Entrepreneurship

Career & Technical Education Career Clusters
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Transportation, Distribution & Logistics

HIGH SCHOOL

- Automotive Collision Repair & Refinishing
- Automotive Service Technology
- Marine Service Technology

POSTSECONDARY

- Automotive Collision Repair & Refinishing
- Automotive Service Technology
- Marine Service Technology

STEM Highlights



STEMsmart

- An initiative by the Gulf Coast Community Foundation in four High Schools and eight Middle Schools

www.GulfCoastCF.org

Teacher Training

- Nearly 145 teachers have received training on ever-advancing STEMsmart techniques and tools, including inquiry-based learning, TI-Nspire handhelds, Math Next Generation Sunshine State Standards, Science Next Generation Sunshine State Standards, STEM Engineering Academy curriculum, and common lesson planning.

STEM Highlights



Externships, Mentoring, and Job-shadowing

- More than 77 businesses have registered as STEMsmart business partners, agreeing to serve as a job-shadowing or internship host, STEM club mentor, or classroom speaker
- Five teachers participated in externships at local STEM businesses in 2011-12.
- Internship sites include Venice Regional Medical Center, Englewood Community Hospital, and DMK Associates

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End of Agenda Item