

INDUSTRY

◆ INNOVATION

◆ LIFESTYLE



# High School Talent Pipeline Initiatives

# High School Talent Pipeline Initiatives Partnership

*Industry partners*



*Counselor Tours*



*Ready to Work  
BOOT CAMP*



*Classroom  
Connections*



*Industry  
Explorations*



*Marine  
Roundtable*



St. Lucie   
PUBLIC SCHOOLS

- *Centennial*
- *Central*
- *Dale Cassens*
- *Lincoln Park*
- *Port St. Lucie*
- *Treasure Coast*
- *Westwood*

# High School Talent Pipeline Activities



✓ **TARGETED INDUSTRY EXISTING BUSINESSES AND NEW BUSINESSES**

- Provide talent development and workforce assistance collaborations



✓ **EMPLOYER GRANTS FOR EMPLOYEE TRAINING**

- Assist employers with access to state grants to help train new and existing employees



✓ **COUNSELOR AND TEACHER TOURS**

- Semi annual industry exploration for counselors and career and technical educators to meet industry executives and tour facilities to learn about career pathway opportunities for students in manufacturing and warehouse/distribution

# High School Talent Pipeline Activities



## ✓ **READY TO WORK BOOT CAMP:**

- Free program for graduating high school seniors, ages 18+, in partnership with St. Lucie Public Schools, Treasure Coast Manufacturers Association and Treasure Coast Builders Association

### ***St. Lucie Public Schools leads:***

- High School Guidance Counselor tours in partnership with St. Lucie EDC
- Identification process of non-collegebound students for program participation
- Collaboration between program coordinators and counselors/educators for successful outcomes

### ***St. Lucie County EDC leads:***

- High School Guidance Counselor tours in partnership with St. Lucie Public Schools
- Boot camp industry exploration with targeted employers
- “Signing Day” job fair event
- Gainful employment outcomes: first two (2) program years had a 65% placement rate in target industry employment within 60 days

*Companies include Maverick Boat Group, Pursuit Boats, A1 Roof Truss, TAMCO Group, Expert Shutter Services, Walmart*

# High School Talent Pipeline Activities



## ✓ CLASSROOM CONNECTIONS

- Continue building educational and industry relationships through in-classroom visits with focus on AutoCAD, Manufacturing, Architectural Design, Engineering and more



## ✓ INDUSTRY EXPLORATIONS

- Provide small student group industry explorations through company site visits



## ✓ MARINE ROUNDTABLE

- Industry specific leadership focus group to further the Marine Outboard Technician program at Centennial to meet diverse employer demands

St. Lucie

PUBLIC SCHOOLS



**ST. LUCIE PUBLIC SCHOOLS**  
**CAREER AND TECHNICAL EDUCATION PROGRAMS**  
*for the Marine Industry*



**98%**

*TRADITIONAL HIGH SCHOOL  
GRADUATION RATE 2020*

St. Lucie

PUBLIC SCHOOLS



**#1**

*SCHOOL DISTRICT RANKING  
ON THE TREASURE COAST*

**37**

*CAREER ACADEMIES*

# Industry Related Career & Technical Education High School Programs

## OUTBOARD MARINE TECHNOLOGY

- ✓ Automotive Technician and Service Professionals (ASE)  
Entry Level Certifications

Curriculum includes:

- ✓ Engine Performance Certification
- ✓ Safety
- ✓ Use of marine woods, metals and fiberglass
- ✓ Boat Rigging
- ✓ Electrical Systems
- ✓ HVAC
- ✓ Fuel Tank Installation
- ✓ Pumps and Head Units
- ✓ Trailer Repair



St. Lucie West Centennial  
High School



# Industry Related Career & Technical Education High School Programs

## AUTOMOTIVE

- ✓ Automotive Technician and Service Professional (ASE)  
G1 – Light Repair Certification
- ✓ Automotive Technician and Service Professional (ASE)  
Entry Level
- ✓ Florida Automotive Dealers Association (FADA)  
Certifications

### Curriculum Includes:

- ✓ Safety
- ✓ Automotive Light Repair
- ✓ Automatic Transmission/Transaxle
- ✓ Electrical/Electronic Systems
- ✓ HVAC
- ✓ Suspension and Steering



Port St. Lucie High School

# Industry Related Career & Technical Education High School Programs

## TECHNICAL DESIGN

- ✓ AutoCAD Certification
- ✓ Chief Architect Certification

Curriculum includes:

- ✓ 2D modeling
- ✓ 3D modeling
- ✓ Design, 3D print and race car designs
- ✓ Design cabinets and kitchens in 3D with plan creation and materials list



# Industry Related Career & Technical Education High School Programs

## BUILDING CONSTRUCTION TRADES TECHNOLOGY

- ✓ NCCER Core Certification  
(National Center for Construction and Education Research)

Curriculum includes:

- ✓ Safety
- ✓ Basic Plumbing
- ✓ Introduction to HVAC
- ✓ Tool Safety
- ✓ Measurements
- ✓ Read and Build from Plans
- ✓ COMING SOON: Virtual Welding



Port St. Lucie High School

# Industry Related Career & Technical Education High School Programs

## ENGINEERING AND MANUFACTURING PROGRAM

- ✓ AutoCAD Certification
- ✓ Certified Production Technician (CPT)
- ✓ Manufacturing Skills Standards Council (MSSC) Certification

Curriculum includes:

- ✓ Safety
- ✓ Basic Machine Tools
- ✓ Read and Interpret Blueprints and Schematics
- ✓ Tools and Instruments for Quality Assurance



# Industry Related Career & Technical Education High School Programs

## PRE-ENGINEERING

- ✓ AutoCAD Certification
- ✓ Inventor Certification

Curriculum includes:

- ✓ 2D Modeling
- ✓ 3D Modeling
- ✓ 3D Printing
- ✓ Adaptive Design
- ✓ Design Planning and Process



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## *How can we assist you in meeting your marine talent pipeline needs?*

Pete Tesch

*President*

772.336.6254

ptesch@youredc.com

Wayne Gent

*Superintendent*

772.429.3925

wayne.gent@stlucieschools.org

Jill Marasa

*Vice President, Business Retention & Expansion*

772.336.6257

jmarasa@youredc.com

Aliesha Seitz

*Director, Career Technical Education*

772.429.5559

vashitie.seitz@stlucieschools.org