



FLORIDA STATE  
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# FSU Panama City ASCENT Project

Advancing Science and Career  
Education in New Technologies



# FSU PC ASCENT Overview

- Expanding regional workforce in IT & Cybersecurity
- Triumph Gulf Coast: Up to \$11.5M over 6 years
- FSU match \$11.5M required (over \$2M raised to date)
- Lots of flexibility in how we accomplish that goal
  - Improving skills of existing workers
  - Helping people transition into these fields
  - Encouraging and preparing more people to work in these fields
  - Attracting additional funding to support the effort
  - Building talent pipelines
  - Adding IT Degree at FSU PC



# Partnerships Secured

- Multiple Colleges within FSU
- School Districts/Teaming Agreements
  - Bay District School
  - Franklin County
  - North Bay Haven Charter Academy
  - Destin High School
- Gulf Coast State College (GCSC)
- Community Partners: Career Source, Homeschools, Libraries, Community organizations





## T3 Academy/Integrated Technology Clubs

- T3 focuses on increasing CAPE certs through paid professional development
- Academies
  - Summer of 2022
    - 20 teachers
    - Created Integrated Technology Clubs
  - Summer of 2023
    - 40 Teachers
    - Student Leadership Camp
- Integrated Technology Clubs
  - 20 Clubs, 15 schools

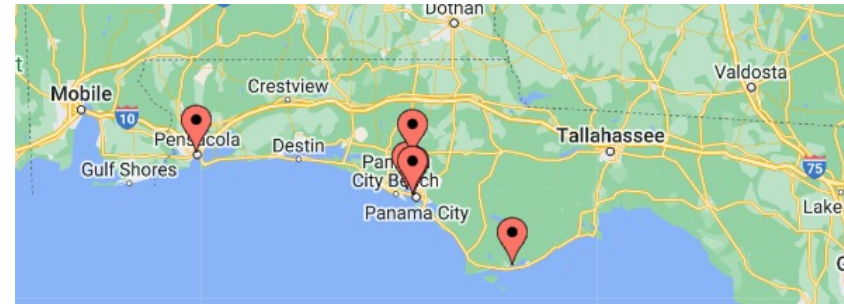




# Outreach Initiatives

## Summer 2023 Partners:

- Moving Education Institute (Apalachicola)
- Kukua Institute (Pensacola)
- LEAD Coalition (Panama City)
- Deane Bozeman High School (Southport)
- T3/iCamp (Panama City)
- Bay County Homeschool Coalitions
- Bay County Public Libraries

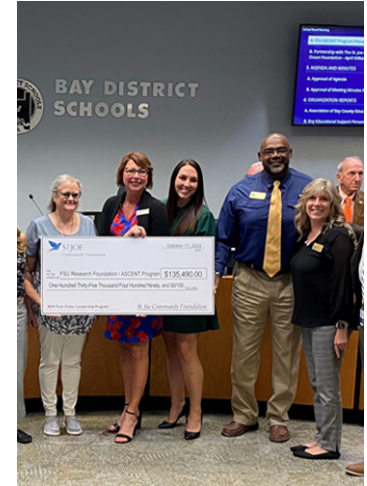




# Additional Funding

- IT Cyber Pathways – April 2022, Not Awarded
- St Joe Foundation – Awarded: \$135,000
- AT&T Grant – Awarded: \$5,000
- NSF AISL proposal – May 2023, Not Awarded
- FSU Collaborative Collision: Feb. 2023, Not Awarded
- FSU Collaborative Collision: April 2023, Awarded: \$97,500
- IT Cyber Pathways – May 2023, Awarded: \$252,000
- NSF Nexus Engine Planning Grant – Jan 2023, Under Review: \$700,000
- FSU Council for Research & Creativity – Feb 2023, Awarded: \$100,000
- FPL Foundation – Feb 2023, Under Review: \$250,000

**Total potential estimated match from gifts & grants to date: \$488,000**





# What's next?

- Expanding locations: schools, libraries, community groups
- Expanding outreach: Career Source, Adult and Career Education
- Identifying & pursuing additional funding opportunities:
  - State
  - Federal
  - Foundations
- Strengthening and normalizing existing efforts
- Outreach to the Military
- IT Degree Expanding to FSU PC







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# FSU Panama City The Collegiate School

*A New Direction in Education*



# The Collegiate School at FSU Panama City



- Triumph Award in May 2022
  - 7.6MM, 6 years
- Collegiate High School
  - Developmental Laboratory Research Charter School
  - New district created by FLDOE for The Collegiate School (82)
- In association and collaboration with the College of Education at FSU and FSU PC
- Opened August 10, 2023, for 9<sup>th</sup> grade students
- Priority admission for military dependents



# The Collegiate School Opportunity

## Enhanced educational opportunities for high school students in Northwest Florida

- **Immersion in a collegiate culture** that supports students in defined pathways to earn **dual enrollment credits and CTE certifications** while accomplishing high school graduation requirements,
- **Experiential learning with experts in the field** and expose students to high-wage/high-demand fields through coursework and applied research projects,
- **Engagement in advanced coursework** in the fields of engineering, computer science, cybersecurity, and health sciences, among others, that would allow them to earn industry certifications aligned with local workforce demand,
- **Serve the area's growing military dependent population** with innovative curriculum choices, and
- **Provide professional development and training opportunities for other K-12 teachers** to become certified to teach career courses within their own schools.



# Projected Growth

Grant Funding	Calendar Year	9 <sup>th</sup> Grade Students	10 <sup>th</sup> Grade Students	11 <sup>th</sup> Grade Students	12 <sup>th</sup> Grade Students	Total Students
Year 1	2022-2023					
Year 2	2023-2024	100-125				100-125
Year 3	2024-2025	100-125	100-125			200-250
Year 4	2025-2026	100-125	100-125	100-125		300-375
Year 5	2026-2027	100-125	100-125	100-125	100-125	400-500
Year 6	2027-2028	100-125	100-125	100-125	100-125	400-500



# Facilities: FSU Panama City





# Facilities: The Collegiate School





# Curriculum Model

Grade	Dual Enrollment Courses*	CTE Courses/Exams**	Weekly Time at TCS	Weekly Time at FSU
9 <sup>th</sup>	2	CTE course(s)	4 days	1 day
10 <sup>th</sup>	4	CTE course(s)	2-3 days	2-3 days
11 <sup>th</sup>	6-8	CTE course(s)	1 day	3-4 days
12 <sup>th</sup>	8-10	CTE course(s)	1 day	3-4 days
<b>Total</b>	20-24 courses = 60-72 hours	4+courses/exams		

\*students who qualify, \*\*all students



# Coursework

**Coursework to accomplish Florida high school graduation requirements while simultaneously earning college credit**

- Honors
- AP
- Dual Enrollment
- Career and Technical Education (CTE)
  - Biomedical Science
  - Information Technology
  - Computer Science
  - Engineering (beginning 2024)
- Leadership and Research Coursework
- Clubs and Student Interest Groups
- Honor Societies
- Service Organizations







# Progress

## 100 Ninth Grade Students: representing every public and charter middle school in Bay County

- 7 teachers
- 3 teacher assistants (paraprofessionals)
- 3 administrators and student specialists
- 2 community and university advisors
- 4 administrative staff
- 1 school resource officer





# Questions?

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