

ASCENT

Advancing Science and Career
Education in New Technologies

OVERVIEW

The **ASCENT** project will contribute to the development of a strong, regional workforce in cybersecurity and new technologies.

In order to complete this mission, ASCENT aims to develop and integrate education and training resources to produce industry-specific certifications for students and citizens of the Northwest Florida region to position them well for job attainment and advancement.

GOALS

The **FSU Panama City ASCENT Program** is a 6-year, \$23 Million Project, partially funded by Triumph Gulf Coast, Inc., designed to

- 1) increase the interest and pipeline of students in engineering, computer science, information technology, and cybersecurity fields through various **K-12** initiatives,
- 2) expand **FSU PC program offerings** to include an undergraduate degree in **Information Technology** with a specialization in cybersecurity, and
- 3) deliver non-credit customized training and testing to meet the regional needs of **Community** partners.

FSU PC

Florida State University Panama City (FSU PC) offers life-changing educational and social opportunities that prepare students, faculty and community members to achieve their goals, develop a richer culture of diversity and foster a spirit of lifetime learning.

Partnering with area military installations, industry leaders and other Florida State University departments and colleges, we tailor the educational experience to make higher education more accessible to the residents of Northwest Florida.

Florida State University is one of the nation's elite research universities and FSU Panama City amplifies the university's efforts to preserve, expand and disseminate knowledge in the sciences, technology, arts, humanities and professions.

pc.fsu.edu/ascent



K-12 INITIATIVES

PROGRAM EXPANSION

Expand technology-related after school programs and summer camps leading to industry certification for middle and high school students.

PROFESSIONAL DEVELOPMENT

Establish professional development opportunities for regional teachers to earn industry certifications, enhance curriculum, and exercise best practices in the classroom.

STUDENT SUPPORT

Provide support for students and teachers through tutoring programs, classroom assistance, curriculum development, and teacher recruitment.

FSU PC INITIATIVES

IT DEGREE

Establish an undergraduate Degree in Information Technology with a specialization in Cybersecurity.

CYBER SECURITY LAB

Build a Cyber Security Lab on campus designed for simulating and defending security attacks.

INDUSTRY CERTIFICATIONS

Embed opportunities for students to earn industry certifications in courses and programs offered at FSU PC.

EDUCATIONAL PATHWAYS

Explore Educational Pathways to recruit FSU STEM graduates into the field of teaching.

CONNECT TRANSFER STUDENTS

Build upon the PC Connect program and expand articulation to seamlessly connect transfer students to degree programs at FSU PC.

COMMUNITY INITIATIVES

OPEL

Establish an Office of Professional Engagement and Learning (OPEL) on the FSU PC Campus to meet regional training needs.

TESTING CENTER

Establish a National Testing Center on FSU PC's campus.

MILITARY PARTNERSHIPS

Partner with military installations and government agencies to deliver customized training leading to industry certification.

BUSINESS PARTNERSHIPS

Partner with local businesses to build training programs that support employee recruitment, advancement, and retention.

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