

TRIUMPH GULF COAST, INC. PRE-APPLICATION FORM

APPLICANT INFORMATION

Name of Individual/Entity/Organization: Pensacola State College

Proposal Title: PSC-TECH

Amount of Triumph Funds Requested: \$9 million

Total Estimated Project Cost: \$24.5 million

Brief Description of Individual/Entity/Organization:

Pensacola State College, under the governance of a local Board of Trustees, annually serves more than 25,000 students in its two-county service area – Escambia and Santa Rosa counties in the Northwest Florida Panhandle. The College, a member of the Florida College System, offers baccalaureate and associate degrees, workforce certificates, adult education leading to a high school diploma or GED, business and industry training, non-credit continuing education, community outreach, and cultural enrichment opportunities for students and the community. The College is committed to providing quality, affordable, and accessible educational opportunities through a variety of delivery methods.

Contact Information:

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Name of co-applicants, partners or other entities, organizations that will have a role in the proposed project or program:

N/A

Pensacola State College Pre-Application to TRIUMPH

EXECUTIVE SUMMARY

- (i) **Amount of funds being sought from Triumph Gulf Coast:** \$9,000,000
- (ii) **Amount and identity of other sources of funds for the proposed project or program:**
- State of Florida: \$15,300,000

(iii) **The location of the project or program:**

Located in the Northwest Florida Panhandle, Pensacola State College (hereafter PSC or the College), home of the “Pirates” – a comprehensive public institution governed by a governor-appointed local District Board of Trustees – was established by the Florida Legislature in 1947 as Florida’s first public junior college. More than 15,000 students enrolled in credit and noncredit courses offered during the 2020-2021 academic year. PSC, primarily an associate degree and certificate granting institution, also has a limited number of baccalaureate programs which account for about 6% of the FTE.

The proposed project will be primarily located on the Pensacola Campus of Pensacola State College at 1000 College Boulevard, Pensacola, FL 32504; however, to meet needs during any given semester, instruction may be delivered at any one of the College’s campuses or centers including:

- Pensacola Campus; Pensacola, FL; Escambia County
- Warrington Campus; Pensacola, FL; Escambia County
- Milton Campus; Milton, FL; Santa Rosa County
- South Santa Rosa Center; Gulf Breeze, FL; Santa Rosa County
- Century Center; Century, FL; Escambia County
- Downtown Center; Pensacola, FL; Escambia County

Efforts to reach out to underserved populations may also open up opportunities for instruction to be delivered in computer labs which are located within community centers throughout the College’s two-county service area.

(iv) **Summary description of the proposed program:**

The proposed project integrates the *Guiding Principles* of Northwest Florida Forward (northwestfloridaforward.com), a regional strategic initiative focused on driving economic vitality and growth in the Florida Panhandle by:

- Sustainable and enduring economic base;
- Diversified industries and high wage employment growth;
- Greater alignment of partner resources through regional collaboration;
- Improving the vitality of all areas and populations in the region; and,
- Strengthen beyond traditional economic engines.

This project also contributes to the achievement of Northwest Florida Forward’s aspirational goal for Talent:

- Connect the talent assets of Northwest Florida talent to key industry clusters and ensure a dynamic and diverse workforce for new and growing businesses.

The programs included in this project will enhance efforts to move under- and unemployed individuals into high-wage jobs and support multiple employers from several industry sectors.

This project was created in response to identified deficiencies in Workforce Board Region 1 (Escambia and Santa Rosa counties) caused by events such as Hurricanes Ivan, Dennis, and Sally, the economic recession, the Deepwater Horizon Oil Spill, and the COVID-19 pandemic. Primarily, there is the need to diversify our economy, historically heavily reliant on the tourism industry, so that we're poised to withstand future natural and man-made disasters. Therefore, this project addresses the needs of employers from a number of occupations within the Information Tech and Defense & Homeland Security industry sectors as identified by CareerSource Escarosa (Region 1 Workforce Board), Enterprise Florida and the Florida Department of Economic Opportunity (DEO). Cybersecurity and Information Technology are both growing industry sectors recognized by FloridaWest Economic Development Alliance, Inc., the region's economic development organization.

The College has long had computer science programs included in its academic offerings. These were enhanced when PSC received a 2007 U.S. Department of Labor Community Based Job Training Grant for \$1.62 million which provided the funds to develop and implement the first Associate in Science (AA) Information Assurance (cybersecurity) program. This program included opportunities for students to earn a number of imbedded industry recognized certifications. In 2016, Bachelor of Applied Science (BAS) degrees in Cybersecurity-Information Security and Cybersecurity-Cyber Forensics were first offered.

Enrollment trends. During the 2020-2021 academic year, 656 students (unduplicated) were enrolled in one of the College's computer-related programs:

- Cybersecurity, Information Security (Bachelor of Applied Science)
- Cybersecurity, Cyber Forensics (Bachelor of Applied Science)
- Computer Information Technology (Associate in Science)
- Computer Programming Analysis (Associate in Science)
- Cyber Forensics (Associate in Science)
- Cyber Security (Associate in Science)
- Computer Programmer (College Credit Certificate)

This is a 20.81% increase over enrollments in the last five years, beginning with the 2016-2017 academic year.

Labor market statistics. Employment in computer and information technology occupations is projected to grow 11 percent from 2019 to 2029, according to the Bureau of Labor Statistics, U.S. Department of Labor. Employment of information of information security analysts is projected to grow 31 percent from 2019 to 2029. The growth for both of the occupation groups is much faster than the average for all occupations.

According to Enterprise Florida, virtually every major defense contractor from the U.S. and abroad has significant operations in Florida, with over 17,900 companies and more than 194,000 employees.¹ More than 33,000 high tech companies are located in Florida, employing more than 311,800 residents of the state.² Select companies located in the College’s two-county service area are highlighted by Enterprise Florida’ Information Technology Industry Profile, including AppRiver, Adsync Technologies, Inc., EarthSoft, Inc., Global Business Solutions, Inc., and TECHSOFT, Inc.

Occupational Title	*HS/HW	Annual Percent Growth	Annual Openings	2019 Hourly Wage		**Data Source
				Mean	Entry	
Computer Network Architects	Y	1.57	979	51.96	34.03	S
Computer Occupations, All Other	Y	1.49	1,118	37.67	17.86	S
Computer Programmers	Y	2.17	1,169	41.69	23.31	S
Computer Systems Analysts	Y	0.81	33	29.06	18.36	S
Computer User Support Specialists	N	1.29	78	19.26	13.24	R
Database Administrators	Y	1.52	669	45.51	27.69	S
Information Security Analysts	Y	1.80	565	43.26	26.49	S
Network and Computer Systems Administrators	Y	0.95	32	32.39	21.57	R
Software Developers, Applications	Y	0.72	72	46.42	31.47	R
Web Developers	Y	1.68	868	34.50	20.68	S
<p><i>Source: 2021-22 Regional Demand Occupations List, Workforce Development Area 1 (Escambia and Santa Rosa counties); Florida Department of Economic Opportunity.</i></p> <p>*HS/HW High Skill/High Wage Occupations: Mean Wage of \$22.66/hour and Entry Wage of \$24.45/hour</p> <p>**Data Source R: Regional/S: State (when regional data is not available)</p>						

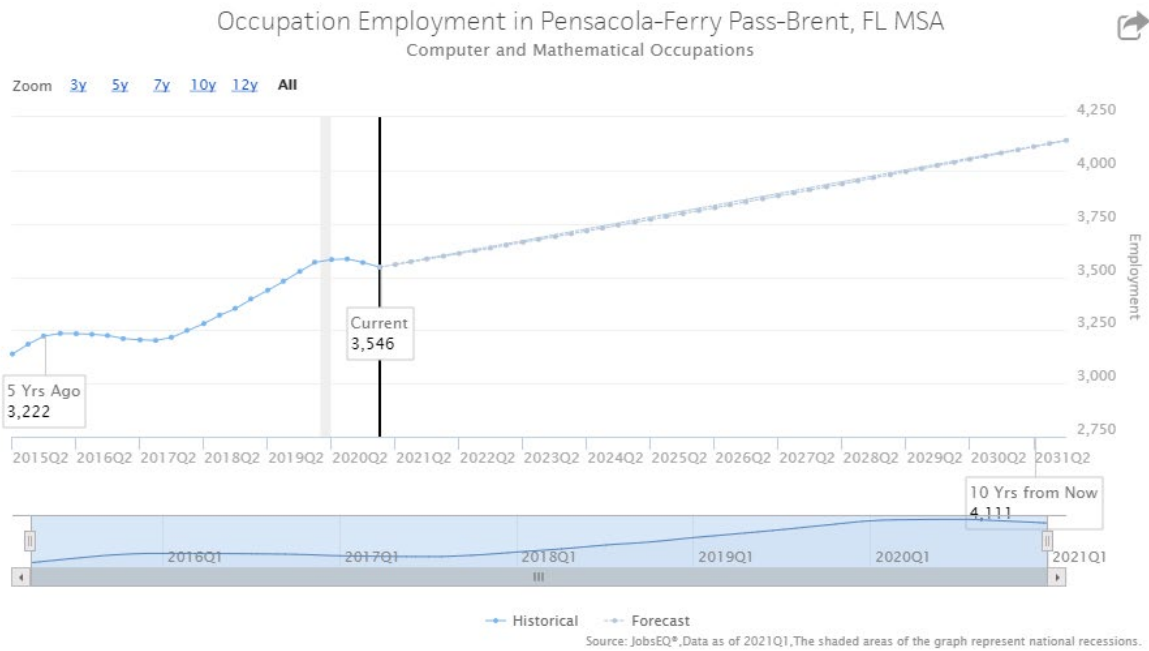
All Computer Occupations are expected to experience growth over the next 10 years with a total demand projection of 3,143 jobs (exits/retirements: 692; transfers: 2,058; growth: 493). The projected annual percent growth of 1.4% is significantly higher than the projected average annual percent growth for all occupations (0.9%).³ In the last thirty (30) days, there have been approximately 404 online job ads related to computer occupations.⁴

¹ Enterprise Florida. <https://www.enterpriseflorida.com/industries/defense-homeland-security/>

² Enterprise Florida. <https://www.enterpriseflorida.com/industries/information-technology/>

³ JobsEQ – data as of 2021Q1.

⁴ JobsEQ – data represents found online ads active within the last 30 days; represents a sampling rather than the complete universe of postings.



The following table includes current employment, mean annual wages, online job ads, a five-year history of annual percent growth rate, and the 10-year forecast for employment in selected computer occupations in the College’s service area.

Occupation	Total Employed	Mean Annual Wages	Current Online Job Ads	10-Year Forecast			
				Growth	Exits & Transfers	*Total Demand	Annual % Growth
Computer Occupations Cluster							
Software & Web Developers, Programmers, & Testers	1,113	\$86,100	66	231	867	1,098	1.9%
Computer Support Specialists	797	\$44,700	145	91	687	777	1.1%
Computer & Information Analysts	641	\$71,900	62	98	491	589	1.4%
Database & Network Administrators & Architects	556	\$79,100	103	53	406	459	0.9%
Miscellaneous Computer Occupations	228	\$85,600	23	18	182	199	0.7%
Computer & Information Research Scientists	22	\$106,400	5	3	18	21	1.1%
Total All Computer Occupations	3,357	\$72,500	404	493	2,650	3,143	1.4%
Information Technology (CTE) Occupations Cluster							
Software Developers & Software Quality Assurance Analysts & Testers	857	\$95,200	61	224	788	902	2.4%

Occupation	Total Employed	Mean Annual Wages	Current Online Job Ads	10-Year Forecast			
				Growth	Exits & Transfers	*Total Demand	Annual % Growth
Computer User Support Specialists	626	\$43,200	145	73	539	612	1.1%
Computer Systems Analysts	506	\$63,700	14	51	381	432	1.0%
Network & Computer Systems Administrators	311	\$66,600	95	25	226	251	0.8%
Computer Occupations, All Other	228	\$85,600	23	18	182	199	0.7%
Computer Network Support Specialists	171	\$50,000	n/a	18	146	164	1.0%
Information Security Analysts	135	\$102,600	48	47	110	157	3.0%
Computer Network Architects	128	\$90,700	1	11	91	103	0.8%
Web Developers & Digital Interface Designers	127	\$41,800	5	14	102	116	1.1%
Database Administrators & Architects	117	\$99,800	7	17	89	105	1.3%
Total Information Technology (CTE)	3,335	\$72,300	399	490	2,632	3,122	1.4%
Source: JobsEQ, 2021Q; Occupation Snapshot *Total Demand – Exits & Transfers + Growth							

The Triumph funding request of \$9 million will be utilized for construction of Building 1 – the Baars Building, technology for the new building, technology upgrades for other instructional sites, furniture, and programming costs (such as fee waivers, faculty to increase capacity, professional development for faculty, etc.) and will be matched by a minimum of \$15.5 million which the College has received from the State of Florida for this project, in addition to in-kind College resources such as staff.

(v) Summary timeline for the proposed project:

Activity	Month(s)
Receipt of award approval notice	1
Issue notice to proceed for construction	2
Groundbreaking	2
Issue purchase order for furniture and computer lab equipment	12
Construction complete	18
Furniture and computer lab equipment installed	18-20
Faculty and staff move into offices	20
Classes begin	21