

Applicant Information:

Name of Entity/Organization: Gulf Coast State College

Background of Applicant Individual/Entity/Organization:

Established in 1957, GCSC has a long and proud history of serving the higher education needs for the citizens of Bay, Gulf, and Franklin Counties in the Florida Panhandle. GCSC is a member of the Florida College System and has four campus locations in Panama City, Port St. Joe, Southport, and Tyndall Air Force Base. With a collection of over 130 Associate of Arts or Associate of Science two-year degree programs, four Baccalaureate degree programs, and numerous certificate programs, GCSC provides the highest quality education with the lowest tuition and student debt rate in the 28 Florida State/College System. GCSC had over 6000 students enrolled in 2021 with 31% at full-time status and 69% at part-time status. The college has a strong history of community partnerships that provide workforce education/development leading to improvements in graduate's quality of life, while at the same time enhancing economic development in the region.

Federal Employer Identification Number: 59-1208155

Contact Information:

Primary Contact Information: Dr. Keri Matheus

Title: Chair, Nursing Division

Mailing Address: 5230 West Highway 98 Panama City Florida 32401

Phone: (850) 772-6695

Email: kmatheus@gulfcoast.edu

Website: gulfcoast.edu

Executive Summary: (See Below)

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Gulf Coast State College (GCSC-Panama City and North Bay) is requesting grant funding to establish an Inter-Professional Education Simulation Training Center (SIM Center) to be utilized by all programs in the Nursing and Health Sciences Divisions. Funding would be utilized to train the Healthcare workforce of tomorrow in effective inter-professional interaction/communication, leadership training, and to facilitate practice/remediation of procedural clinical skills. The level of evidence supporting the benefits of healthcare simulation training continues to accrue and indicates quantifiable improvements in client safety outcomes. Improvements in clinical proficiency/clinician judgment, reduction in hospital readmission rates, decreased workforce attrition, and reduction in the overall cost of providing healthcare services to the community are also noted with simulation training.

Many GCSC programs in the Nursing and Health Sciences Divisions continually face a lack of available clinical training sites. This site training deficit has long prevented program enrollment increases across many disciplines

The proposed Sim Center would enable (over a 10-year academic period): *(All projections below account for typical program attrition.)*

- **ADN-RN program (Traditional):** Enrollment increases from 48 to 84 students per cohort adding an additional 564 students in 10 years. Students completing the program would increase from approximately 803 to 1,367. Graduates can expect a job placement rating of approximately 97% following graduation and job growth projection of 16% over 10 years.
- **ADN-RN program (consecutive semester cohort):** During the fifth year in the life of the grant, a four-consecutive semester ADN-RN cohort would be created consisting of 24 students. This would add approximately 86 additional students completing the ADN-RN Nursing Program over the last 5 years of the grant.
- **RN-BSN program:** Enrollment increases from 35 students to 50 students per cohort increasing total enrollment by 340 additional students with total completers increasing from 540 to 864. Allowing an additional 334 BSN degree advancements with the need for nurse managers, leaders, and educators to hold advanced degrees by 19% over the next 10 years.
- **Certified Nursing Assistant Program (CNA):** Creation of a CNA Program at the Panama City Campus with enrollment of 20 students per cohort three times annually with approximately 486 students completing certification over 10 years. Certified nursing assistants have a job placement rate following program completion of 94% and a projected rate of job growth of 8.0% over the next decade.
- **Phlebotomy Certification Course:** Increased enrollment in the course from 10 students to 30 students three times yearly adding an additional 600 students over 10 years. Students completing the course would increase from 270 to 810. Students earning certification can anticipate 100% job placement rates and projected job growth of 22% from 2020 to 2030.
- **Registered Nurse-First Assistant Certification (RN-FA):** Enrollment increases in the program from 6 students to 20 students yearly adding an additional 126 students over 10 years and expand program completers from 56 to 164. RNFA's job placement ratings are 100% with job growth projection of 15% over the next decade.
- **Intravenous Certification for Licensed Practical Nurses:** Doubling current enrollment 6 students to 15 students 5 times yearly increasing enrollment by 450 students and enabling 675 students to complete certification over 10 years.
- **Emergency Medical Technician (EMT) and Paramedic Programs:** Enrollment increases in the EMT Program from 24 to 36 students and Paramedic Program increases from 12 to 18 students per cohort. This increase would add 324 EMT completers and 51 paramedic completers

over 10 years respectively. With a projected job growth rate of 7.1% over the next decade and a 100% job placement rate, the additional graduates will fill vital local frontline healthcare needs.

- **Respiratory Care Program:** Enrollment increases from 16 to 20 students per cohort increasing enrollment by 40 students with completers increasing from 144 to 176 over 10 years with a projected job growth rate for the field of over 21% from 2018-2028.
- **RN specialty certification preparatory:** Initiate courses in a wide range of clinical areas: critical care, adult gerontology, emergency care, pediatrics, and in-patient obstetrics. These preparatory courses would enable approximately 400 Registered Nurses to obtain post-licensure specialty certification over 10 years.
- **Continuing Education Conferences:** Initiation of local, state, and Southeast regional conferences for nursing and other health science related career fields. Over the course of 10 years, approximately 1,105 Nurses and Health Science professionals would complete continuing education course work.

Over the life of the grant, even with typical attrition, it is expected that approximately 4,696 program additional completers will be produced in 10 years. In a concerted effort to address the nursing shortage, these measures would specifically add 650 Associate Degree ADN-RN Graduate Nurses, 334 Bachelor’s Degree Registered Nurses, 437 Certified Nursing Assistants. In addition, 3,314 nursing/health sciences related certifications and continuing education courses will be completed in order to support local needs. The nursing programs are also open to scheduling clinical hours during non-traditional shifts and remain committed to seeking out students prioritizing diversity, equity, and inclusion in our cohort populations. Programmatic expansion of the Licensed Practical Nurse program would also be a future opportunity that would be enabled by the SIM Center.

The SIM Center would also play a vital role in community and economic development by offering all area healthcare community partners the opportunity to bring new and established employees for continuing education, specialty certification, and skills training. Currently, local facilities must send employees out of the service area for these educational needs, creating a significant loss of revenue to the local economy. Offering a state-of-the-art SIM Center, would benefit local businesses and highlight services available in the area. Further, the marketing of clinical and leadership simulation training at the local, state, and southeastern regional level would be initiated with the goal of the SIM Center becoming an education destination site for healthcare professionals and educators. These actions will ensure a constant revenue stream that will provide long-term financial sustainability. The SIM Center will additionally enable a robust remediation program to foster students struggling with academic content or in need of skills repetition training to promote higher program completion and graduation rates.

The following table represents a breakdown of the requested budget over 10 years:

Additional faculty/staff:	\$ 10,404,607
High Fidelity Simulators/Equipment and Supplies:	\$ 3,500,000
Audio/Visual Equipment Package:	\$ 500,000
Scholarships/Student Support:	\$ 2,000,000
Facility Renovations/Addition:	\$ 26,000,000
Facility Lease prior to SIM Center Renovation:	\$ 325,000
Faculty Simulation Education/Training:	\$ 15,000
SIM Center Consultation Fee:	\$ 50,000
ATI Nursing Assessment/Technology Resource (10yrs.)	\$ 2,778,000
Total:	\$ 45,572,607

The total value of the grant is \$75,592,607, with Triumph Gulf Coast, Inc., providing \$45,572,607 or 60.3%, and Gulf Coast State College responsible for \$30,020,000 or 39.7%.

Anticipated Match: \$30,020,000 (As detailed below)

\$11 million in existing facilities (insured value) to be to be remodeled and dedicated exclusively to nursing, and related allied health programs: Asbell Business Building at \$4.5 million current value, Sherman Science Building “B” at \$4 million current value, and the remaining portion of Sherman Science Building “A” at \$2.5 million in current value.

\$1.92 million, which represents approximately 8% of the new \$24 million STEM building currently out for bids. This 8% valuation represents the portions of the new science facility specifically enlarged to accommodate the substantially increased number of anatomy and physiology (A&P) courses required by the additional nursing and other allied health student enrollments this grant will support.

\$6.5 million, which includes \$5 million in Public Education Capital Outlay (PECO), already awarded by the Florida Legislature in support of the remodeling of the existing Asbell Business Building into a nursing and related allied health high fidelity simulation facility. In addition, the college anticipates being awarded \$1.5 million in a nursing-related construction completion grant by the U.S. Department of Commerce.

\$3.3 million, which includes \$800 thousand awarded by the Florida Legislature in specific support of the expansion of nursing at Gulf Coast State College. The award was based on the college’s past performance, and is anticipated to be a recurring appropriation for at least several years, though only the first-year portion is included at this time. In addition, the college anticipates receiving donations - specifically related to enrollment growth in nursing and other allied health programs - from local health care agencies, foundations, and other philanthropic individuals, in the amount of \$2.5 million. Matching funds for these nursing-related donations are currently available from the Florida Legislature, but because specific requirements are not yet available, any awarded match ultimately received is not yet included in this proposal.

\$5.3 million, which is a conservative estimate of the additional tuition and fees that will be collected from the additional new students over the 10-year life of the grant.

\$2.0 million, which represents the in-kind value of support from the college specifically for the expanded nursing and allied health programs in clerical support, equipment and facility repair and replacement, extensive IT services support, extensive testing services support, specialized recruiters and advisors, and the like over the 10-year life of the grant.

Economic/Transformational Impact:

By increasing enrollment capacities, economic investments in workforce development will bring high wage jobs to the area and increase individual monthly discretionary incomes. The annual per capita wages for the counties that GCSC serves is \$35,940.00. This salary is significantly less than the estimated \$55,000 to \$75,330 average minimum salary health sciences and nursing graduates will earn. All of these measures will invigorate local economies with permanent, professional level positions and provide sustained fiscal impact for the local area. With the St. Joe Company’s development of approximately 170,000 new housing units in Bay County over the next several decades and the anticipated construction of two new hospital facilities in the Panama City Beach area by 2027, the need for additional healthcare professionals will be paramount for the future of our service area.

The SIM Center’s mission, which is congruent with the GCSC vision/mission, would encompass a wide range of community engagement and economic enhancement features. Local citizens with special needs, retired citizens enrolled in Education Encore, and high school students interested in a future career in the healthcare field would be recruited and trained to act as “standardized patients” for scripted SIM training encounters. Recruiting local citizens to meaningfully interact with GCSC students would foster community engagement and provide the highest quality educational experiences while promoting higher

education to potentially impact enrollment rates in Bay, Gulf, and Franklin counties, which currently is 34.89%.

By attracting local, state, and regional facilities to the area for continuing education/training, not only is the local healthcare industry greatly impacted, but the hospitality and restaurant industry would be positively impacted as well. In 2019, visitors to Bay County spent an average of \$895.00 dollars per person for an average stay of five days. With the ability to annually draw significant numbers of healthcare professionals/educators to the area for training, the economic impact easily has the potential for significant monetary and jobs gain for the local economy.

Timeline for Implementation:

January 2023- Begin acquisition of high fidelity, state of the art SIM equipment and technology supplies, initiate remodeling of GCSC existing facility for SIM Center utilization, begin search for the Simulation Center Director, BSN faculty position, and SIM Center faculty positions. Increase cohort size of the Phlebotomy and Intravenous Certification programs.

Fall 2023- Increase ADN-RN program cohort from 48 to 60 students and BSN program cohorts to 45 students.

Spring 2024- Begin SIM training in leased facility and increase enrollment for previously discussed programs across the nursing and health sciences divisions to full grant proposal enrollment numbers. Begin Certified Nursing Assistant courses and provide simulation continuing education training for existing and new faculty.

Fall 2025- Open the newly renovated SIM Center for clinical simulation training to all programs across the Nursing and Health Sciences divisions. Market employee continuing education training/skills courses and RN specialty certification preparatory courses.

Spring 2026- Conduct local healthcare facility employee continuing education training/skills courses and begin offering RN specialty certification preparatory courses to various Nursing related sub-specialties. Hire SIM Center CEU Coordinator and staff.

Fall 2026- Conduct an Inter-professional education (IPE) simulation training event for all programs in the nursing, health sciences & public safety divisions from the GCSC Panama City and North Bay Campuses. Market for local, state, and Southeast Regional Nursing and Health Sciences continuing education conferences.

Spring 2027- Begin conducting local/state continuing education conferences for nursing and health sciences related fields.

Fall 2027- Conduct the first southeastern regionally advertised simulation/leadership continuing education training courses.

Fall 2028- Begin the four-consecutive semester ADN-RN Nursing Program cohort.

Spring 2029-Fall 2033- Continue to meet the benchmarks as outlined for the remainder of the grant cycle.

Please Select the Proposal's Eligibility Category(s)

Pursuant to Section 288.8017, Triumph Gulf Coast, Inc. was created to make awards from available funds to projects or programs that meet the priorities for economic recovery, diversification, and enhancement of the disproportionately affected counties. The disproportionately affected counties are: Bay County, Escambia County, Franklin County, Gulf County, Okaloosa County, Santa Rosa County, Walton County, or Wakulla County. See, Section 288.08012.

From the choices below, please check the box that describes the purpose of the proposed project or program (check all that apply):

Ad valorem tax rate reduction within disproportionately affected counties;
 Local match requirements of s. 288.0655 for projects in the disproportionately affected counties;

Public infrastructure projects for construction, expansion, or maintenance which are shown to enhance economic recovery, diversification, and enhancement of the disproportionately affected counties;

Grants to local governments in the disproportionately affected counties to establish and maintain equipment and trained personnel for local action plans of response to respond to disasters, such as plans created for the Coastal Impacts Assistance Program;

Grants to support programs that prepare students for future occupations and careers at K-20 institutions that have campuses in the disproportionately affected counties. Eligible programs include those that increase students' technology skills and knowledge; encourage industry certifications; provide rigorous, alternative pathways for students to meet high school graduation requirements; strengthen career readiness initiatives; fund high-demand programs of emphasis at the bachelor's and master's level designated by the Board of Governors; and, similar to or the same as talent retention programs created by the Chancellor of the State University System and the Commission of Education, encourage students with interest or aptitude for science, technology, engineering, mathematics, and medical disciplines to pursue postsecondary education at a state university or a Florida College System institution within the disproportionately affected counties;

Grants to support programs that provide participants in the disproportionately affected counties with transferable, sustainable workforce skills that are not confined to a single employer; and

Grants to the tourism entity created under s. 288.1226 for the purpose of advertising and promoting tourism and Fresh From Florida, and grants to promote workforce and infrastructure, on behalf of all of the disproportionately affected counties.

Please Select the Priorities this Proposal's Outcomes will Achieve.

1. Please check the box if the proposed project or program will meet any of the following priorities (check all that apply):

Generate maximum estimated economic benefits, based on tools and models not generally employed by economic input-output analyses, including cost-benefit, return-on-investment, or dynamic scoring techniques to determine how the long term economic growth potential of the disproportionately affected counties may be enhanced by the investment.

Increase household income in the disproportionately affected counties above national average household income.

Leverage or further enhance key regional assets, including educational institutions, research facilities, and military bases.

Partner with local governments to provide funds, infrastructure, land, or other assistance for the project.

Benefit the environment, in addition to the economy.

Provide outcome measures.

Partner with K-20 educational institutions or school districts located within the disproportionately affected counties as of January 1, 2017.

Are recommended by the board of county commissioners of the county in which the project or program will be located.

Partner with convention and visitor bureaus, tourist development councils, or chambers of commerce located within the disproportionately affected counties.

Updated

