

**NOTICE OF INTENT**

**Form No. BAAC-01**

Section 1007.33(5)(d), Florida Statutes (F.S.), and Rule 6A-14.095, Florida Administrative Code (F.A.C.), outline the requirements for Florida College System baccalaureate program proposals. The completed Notice of Intent form, incorporated in Rule 6A-14.095, F.A.C., Site Determined Baccalaureate Access, shall be submitted by the college president to the chancellor of the Florida College System at [ChancellorFCS@fldoe.org](mailto:ChancellorFCS@fldoe.org).

**CHECKLIST**

The notice of intent requires completion of the following components:

- Program summary
- Program description
- Workforce demand, supply, and unmet need
- Planning process

**FLORIDA COLLEGE SYSTEM INSTITUTION INFORMATION**

Institution Name:	St. Petersburg College
Institution President:	Dr. Tonjua Williams

**PROGRAM SUMMARY**

1.1	Program name.	Building Construction Technology
1.2	Degree type.	<input checked="" type="checkbox"/> Bachelor of Science <input type="checkbox"/> Bachelor of Applied Science
1.3	How will the proposed degree program be delivered? (check all that apply).	<input type="checkbox"/> Face-to-face (F2F) (Entire degree program delivered via F2F courses only) <input type="checkbox"/> Completely online (Entire degree program delivered via online courses only) <input checked="" type="checkbox"/> Combination of face-to-face/online (Entire degree program delivered via a combination of F2F and online courses)
1.4	Degree Classification of Instructional Program (CIP) code (6-Digit).	15.1001; Track #2
1.5	Anticipated program implementation date.	Fall 2026
1.6	What are the primary pathways for admission to the program? Check all that apply.	<input type="checkbox"/> Associate in Arts (AA) <input checked="" type="checkbox"/> Associate in Science (AS) <input type="checkbox"/> Associate in Applied Science (AAS)  If you selected AS/AAS, please specify the program:  Building Design and Construction Management (CIP#1604090100)
1.7	Is the degree program a STEM focus area?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1.8	List program concentration(s) or track(s) (if applicable).	Click or tap here to enter text.

## PROGRAM DESCRIPTION

2.1 This section is the **executive summary** of this notice of intent. We recommend providing an abbreviated program description including but not limited to: the program demand, current supply, and unmet need in the college's service district; primary pathways to program admission; overview of program curriculum; career path and potential employment opportunities; and average starting salary. We encourage approximately 300 words for a sufficient description.

The St. Petersburg College Building Arts Advisory Committee and members of the Tampa Bay area's construction and architecture building communities have noted a lack of degreed construction engineers and technologists. Pinellas County, located within the Tampa Bay Area, has several unique factors that support and drive the need for skilled professionals with a bachelor's degree in construction. Pinellas County is a High Population Density and Urban Development area with unmet construction needs due to a combination of rapid growth and limited availability of land for new development. This lack of land creates a strong demand for professionals skilled in urban development, redevelopment, and the maximization of land use through vertical construction and innovative design.

Graduates of the Construction Program would obtain specialized skills and knowledge in coastal construction, sustainability, hurricane specific building codes and regulation, retrofitting, repurposing and renovation of existing properties and green building techniques. Skilled engineers are needed to not only implement but manage these complex construction projects. Pinellas county's growth is driven by tourism with major destinations such as Clearwater, Tampa, St. Petersburg, and the Gulf Coast beaches. The demand for new resorts, hotels, restaurants, and other supporting infrastructure in these areas will create ongoing construction opportunities requiring a high standard of quality, aesthetics, design integration and project management.

Infrastructure modernization and resilience must also be addressed within the county as there is a significant amount of aging infrastructure, including roads, bridges, and public facilities that require renovation or replacement. There are an estimated 147 annual job openings in district 28 with an annualized salary of over \$98,000. The 2024-2025 Regional Demand Occupation List created by CareerSource Hillsborough/Pinellas shows the need for Construction Managers is growing by 1.45% with 487 annual openings with an entry level hourly wage of \$33.91 and mean wage of \$62.19. Graduates with expertise in construction management, engineering, and infrastructure development will be in high demand to address these needs. Construction engineers who understand resilient design techniques and principles will be essential for projects that protect the county's infrastructure, especially during natural disasters.

St. Petersburg College currently offers an Associate in Science program in Building Construction and Design, which will articulate into the bachelor's degree in construction management. It is also our standard practice to develop an Associate in Arts transfer

program to prepare students for entry into the baccalaureate program. These programs create a pathway for students who wish to pursue a bachelor's in construction management. The curriculum covers a wide range of subject matter, including materials and methods, design technologies, surveying, estimating, project management, construction safety and law. Graduates with a bachelor's degree in construction that is aligned to these local challenges and opportunities will be uniquely prepared to support and contribute to a robust economy in Pinellas County.

## WORKFORCE DEMAND, SUPPLY, AND UNMET NEED

3.1 Describe the workforce demand, supply, and unmet need for graduates of the program that incorporates, at a minimum, the shaded information from Sections 3.1.1 to 3.1.4. For proposed programs without a listed Standard Occupational Classification (SOC) linkage, provide a rationale for the identified SOC code(s). If using a SOC that is not on the CIP to SOC crosswalk, please justify why the SOC aligns with the baccalaureate program.

The state of Florida and the Tampa Bay region have identified construction and infrastructure development as key components of their long-term economic strategies. A Bachelor of Construction program would align with these strategies and support the region's goal of developing a skilled workforce to meet future demands. The program will focus on regional priorities which include hurricane-resistant construction, coastal development, and smart city initiatives, making the degree relevant to Pinellas County and surrounding areas. The construction industry is a significant employer in Pinellas County, with many firms involved in residential and commercial projects. A bachelor's program in construction would help meet the local industry's demand for educated professionals to help fill the pipeline with local qualified construction degreed citizens. Graduates from this program would be well-positioned to start their own construction-related businesses, contributing to the local economy, and addressing niche markets within the county's construction businesses and organizations. As noted in chart 3.1.1, there are an estimated 147 annual job openings in district 28 with an annualized salary of over \$98,000. Additional SOC codes identify careers as Cost Estimators and Civil Engineering Technologists fall within this degree curriculum. The data under chart 3.1.4 identifies that there are no institutions in district 28 offering this baccalaureate degree, and the closest available program is at Seminole State College, over 100 miles away. The 2024-2025 Regional Demand Occupation List created by CareerSource Hillsborough/Pinellas shows the need for Construction Managers is growing by 1.45% with 487 annual openings with an entry level hourly wage of \$33.91 and mean wage of \$62.19. The Florida Department of Economic Opportunity (DEO) data (chart 3.1.2) shows demand for Cost Estimators and Civil Technologists growing with 95 annual job openings at an hourly wage of \$33.42 and \$31.13, respectively. These positions indicate a minimum bachelor's degree, supporting the need for this degree to be offered in the local market.







## ESTIMATES OF UNMET NEED

3.1.4 The Excel spreadsheet below is set up with predefined formulas. To activate the spreadsheet, right click within the spreadsheet, go to "Worksheet Object", and then "Open". To exit, save any changes and exit out of the spreadsheet. Alternatively, double click anywhere on the table. To exit the spreadsheet, single click anywhere outside of the table.

[CLICK HERE FOR INSTRUCTIONS FOR COMPLETING THE ESTIMATES OF UNMET NEED SECTION](#): If institutions do not have data available for completers in the service district, please report statewide data. You may note these are statewide figures.

	Demand	Supply		Range of Estimated Unmet Need							
	(A)	(B)	(C)	(A-B)	(A-C)						
	Total Job Openings	Most Recent Year	5-year average or average of years available if less than 5 years	Difference	Difference						
DEO Total	242			242	242						
Other Totals				0	0						



3.2 Describe any other evidence of workforce demand and unmet need for graduates as selected by the institution, which may include qualitative or quantitative data and information not reflected in the data presented in Sections 3.1.1 to 3.1.4, such as local economic development initiatives, emerging industries in the area, or evidence of rapid growth.

According to CareerSource Pinellas, Engineering – Others (SOC code 17-2199) is growing by 1.32% and creating 693 positions. Indeed, one of the largest job posting services, lists over 200 Construction Management positions within 50 miles of the Tampa Bay area that require a bachelor’s degree. Job titles include Construction Superintendent, Construction Project Manager, Construction Administrator and Capital Projects Manager. According to Indeed, there are over 100 job postings for these positions that require a bachelor’s degree, and most are in the annual salary range of \$50,000 - \$70,000. In 2024 there are notable, diverse construction projects underway in the Tampa Bay area such as Gas Worx, a 50-acre mixed-use district; Mastry’s Brewing’s Pinellas Park hub, a new headquarters with a manufacturing facility, tasting room, food hall and an audio, video and design studio; and the Clearwater Beach Marina. In addition, there are large public projects such as the Gateway Expressway, Howard Frankland Bridge/I-275, Tampa General Hospital and Tampa International Airport (TIA) expansions and the Tropicana Field redevelopment project. Over the past 10 years the Tampa Bay area has experienced a steady population growth rate of almost 2%, resulting in growing demands for residential housing, commercial business development and public use infrastructure.

3.3 If the education level for the occupation identified by the Florida Department of Economic Opportunity (DEO) or the Bureau of Labor Statistics (BLS) presented in Sections 3.1.1 to 3.1.2 is below or above the level of a baccalaureate degree, provide justification for the inclusion of that occupation in the analysis.

N/A

3.4 Describe the career path and potential employment opportunities for graduates of the program.

Graduates often start as Cost Estimators, Field Engineers, Construction Engineers or Project Coordinators. These roles involve assisting in site supervision, project planning, cost estimation, and ensuring compliance with safety regulations. Once these graduates have gained experience, they become project managers, construction managers or site engineers. These individuals manage entire projects, lead teams, oversee budgets, timelines, and quality control. Finally, they are promoted to project managers, operations managers, or construction executives. The options are that they graduates can specialize and obtain PMP or LEED certifications

## PLANNING PROCESS

4.1 Summarize the internal planning process. In timeline format, please describe the steps your institution took in completing the internal review and approval of the baccalaureate program. For example, summarize actions taken by the academic department proposing the degree, any non-academic departments, the college-wide curriculum committee, the college president, the Board of Trustees and any other areas.

St. Petersburg College has a strategic priority to meet the baccalaureate workforce needs of the surrounding communities by providing strong workforce programs. Pinellas County is the most densely populated county in the state, home to 971,875 residents as of 2023. December 2001: St. Petersburg College had the privilege of being the first of the state's community colleges to begin offering baccalaureate degrees. The college was accredited as a Level II institution by the Southern Association of Colleges and Schools to offer four-year degrees in (Supplemental Materials – SACS – Level II status letter). Since that time, the ability to offer 4-year higher-level degrees has been a critical part of the college's mission. It has been an on-going strategic priority to provide workforce programs at the baccalaureate level in order to meet the needs of the local community. March 2024: The Building Construction Advisory Board Meeting took place on March 28, 2024, with 16 representatives of local industry and four staff/faculty of St. Petersburg College. There was discussion with industry reps regarding the programs offered at Pinellas County Schools and St. Petersburg College. The enrollment in the current programs was discussed and Pinellas County Schools explained that there are three construction focused High Schools in the county. There was a thought that we need to pursue a bachelor's degree in construction management. The suggestion by the committee was to look at the University of Florida as a guide and to review what might be available at other Florida Institutions and Auburn University. Dr. Martin, Building Arts Program Director, will start investigating how to proceed with justification and application for a bachelor's degree in construction management. He will report back to the advisory board at the next meeting. April 2024: Dr. Natavia Middleton (Dean), Dr. Martin (Program Director), Djuan Fox (Associate Dean) and Angela Ashe (Baccalaureate Liaison) met to discuss the desire for a new bachelor's degree in construction management. The curriculum for the University of Florida program, FGCU and Seminole State was reviewed. Seminole State is an FCS institution and follows Track 3 of the Common Prerequisite Manual issued by the Florida Department of Education. It was agreed that this track most closely aligns to want SPC envisions in offering a baccalaureate program. This team will meet monthly to continue conversation and to begin the process of submitting to DOE an application for a new bachelor's degree. May 2024: Dr. Middleton met with Dr. Matthew Liao-Troth, VP of Academic Affairs, to discuss the new baccalaureate program. He encouraged the baccalaureate liaison to be in contact with Dr. Mike Sfiropolous as we formulate the NOI to ensure that we are under the correct CIP code, as the focus is on building project management versus civil engineering. June 2024: Dr. Martin completed an outline and summary of the bachelor's degree program. The comprehensive curriculum will cover essential topics such as structural design, construction planning, cost estimation, safety management, and sustainability practices. It will also address the newest advanced industry technologies such as Artificial Intelligence (AI), Augmented Reality (AR) and Virtual Reality (VR), and Building Information Modeling (BIM). This outline and

summary identified the career paths that students will be prepared for as well as the program learning outcomes: Technical Proficiency, Technological Expertise, Project Management Skills, Global Competence and Surveying Skills. A draft of potential courses and a program of study was also provided in this outline. This draft outline was also reviewed by our senior faculty, Dr. Robert Hudson, who has led the construction and architecture AS program at St. Petersburg College for over 25 years. July 2024: The curriculum services office of SPC completed an analysis of the Building Construction program offered by Seminole State in order to confirm state mandated prerequisites (SMPs) and further define the structure of the bachelor's in construction management for SPC. Dr. Sfiropolous was contacted for guidance regarding the SMPs and alignment to the existing tracks. August – November 2024: The SPC team continues to meet monthly to complete all information required for the NOI. In particular, time has been spent researching and providing data for the labor and demand section of the NOI. May 2025: Building Construction BAS will be presented to the C&I Committee for review and approval as part of Spring 2026 curriculum cycle. Following our established business process, the new program will be submitted as part of the Curriculum memo for Spring 2026 (0660), with a projected start date of Fall 2026 (0670) pending DOE approval.

4.2 Summarize the external planning process with the business and industry community. In timeline format, please describe your institution's interactions and engagements with external stakeholders, including but not limited to industry advisory boards meetings, discussions with advisory committees, briefings from local businesses, consultations with employers, and conducting paper and online surveys.

The SPC advisory committee represents over twenty companies in the Tampa Bay area. In the Fall meeting of the Building Arts Advisory Committee in October 2021, it was brought up that a Field Surveyor Technician Certificate and a bachelor's degree in construction or construction management was needed. The advisory committee meets three times a year, and there has consistently been a discussion of the need for this degree in our area. The members have mentioned specifically that there is a need for individuals with knowledge and expertise in construction relative to the type of ground structure in Pinellas County, the unique environment of barrier islands and the impacts of weather, drainage, etc. On February 15th, 2024, an advisory committee meeting was held, and the potential degree development process was discussed in detail. All members support the development of this program. Turner Construction noted that the one similar degree program in the area was not generating enough graduates for the hiring needs in the Tampa Bay area. On March 28th, 2024, the Building Arts advisory committee held a general discussion about the degree and wanted to know the types of courses that would be developed. We discussed the Track 2 program and Seminole State College. The committee asked if graduates of the program could be licensed engineers. We stated that at the time the degree is offered, the program will be accredited through the college's accreditation but that ABET accreditation will not be sought at this time. The committee agreed that the program graduates would still be desirable candidates for hire. The members suggested that the college consider an accredited engineering program at some point in the future. On July 1st, 2024, a special meeting was held to discuss the degree and take a formal vote to proceed with it. All members voted unanimously in favor of a bachelor's degree in construction management. On August 29th, 2024, the advisory Committee chairpersons for the Engineering Technology, Building Arts, and Biomedical Engineering Degrees

met. The discussion was that the Construction degree would be a good initial program, and that other engineering and engineering technology degree programs are needed in Pinellas County. Two meetings were held (September 23rd and 30th, 2024) with the Deuces Live District. (This historic nonprofit organization represents the businesses and community surrounding SPC's Midtown Campus.) Representatives from the Urban League, St. Petersburg Economic Development Office, and local residents attending via live stream, were informed of the construction programs at SPC and a future Bachelor of Construction. All those in the audience were highly interested in these educational opportunities. Letters of support by the following business partners will be included in the application for a Construction BS program: City of Dunedin, Creative Contractors, Inc., DeAngelis Diamond, Park & Eleazer Construction and the A.D. Morgan Corporation.

4.3 List external engagement activities with public and nonpublic postsecondary institutions. This list shall include meetings and other forms of communication among external postsecondary institutions regarding evidence of need, demand, and economic impact.

4.3.1 Public Universities in College's Service District

Date(s): Click or tap here to enter text.

Institution(s): Click or tap here to enter text.

Activity Descriptions and Outcomes:

N/A

4.3.2 Regionally Accredited Institutions in College's Service District

Date(s): Click or tap here to enter text.

Institution(s): Click or tap here to enter text.

Activity Descriptions and Outcomes:

N/A

4.3.3 Institutions outside of College's Service District (If applicable)

Date(s): Click or tap here to enter text.

Institution(s): Click or tap here to enter text.

Activity Descriptions and Outcomes:

N/A