



**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.

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:	Palm Beach State College
Institution President:	Ava Parker, J.D.

PROGRAM SUMMARY

1.1	Program name.	Medical Imaging
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).	51.0911
1.5	Anticipated program implementation date.	Fall 2023
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: Radiography, Sonography, Nuclear Medicine or Radiation Therapy
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).	Computed Tomography, Magnetic Resonance Imaging, Interventional Radiology, Sonography, Echocardiography

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 Medical Imaging program began in 1990 with funding from ten local hospitals for the first three years of operation. The demand for personnel in radiology was so intense, the program doubled enrollment within the first few years. After three decades of providing entry level imaging technologists, the community of interest has asked once again that we provide new educational opportunities for this ever-growing industry. Our success with this community is illustrated by the high national exam pass rate and the nearly 100% job placement.

The Bachelor's degree in Medical Imaging will provide upper division preparation for registered technologists in Medical Imaging who are seeking to advance their career in supervision, management, clinical and administrative specialties, with an emphasis on new technologies such as artificial intelligence (AI) and computer aided diagnostics (CAD). Radiology is a high tech, high demand field and employment for technologists is projected to grow 12 percent through 2026, faster than the average for all occupations. As our population ages, medical imaging is the front line in providing quick and accurate diagnostics for patients. This program will prepare graduates of our programs in sonography, radiography, nuclear medicine and radiation therapy to expand their skills and enter the next phase of their career in CT, MRI, Interventional Radiology, management, teaching, sales or Picture Archive Computer System (PACS) administration.

There are over 11,387 job openings within our service area and the demand is projected to reach 12,074 in the next five years. The median salary for this occupation is \$59,577, with increases for advanced credentials and experience.

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.

Palm Beach State College prepares 100 graduates in Radiography, Sonography, CT and MRI and it's not nearly enough to meet the rising demand of hospitals in Palm Beach or the Treasure Coast. The five-year projected number of jobs in this industry is 12,074, illustrating the huge gap in available personnel and the need for expanded educational programs. According to the EMSI report, there is one individual for every four jobs posted. This program will draw upon the currently registered technologists in the region and provide them a pathway to advance skills in technical, supervisory, and administrative roles, with an emphasis on emerging technology including artificial intelligence (AI) and computer aided diagnostics (CAD). Local employers, hospitals and imaging centers, indicate a need for advanced education in the field of medical imaging to provide an avenue for advancement and fill jobs in subspecialties within radiology.

The imaging community has supported the college with donations, teaching equipment, clinical education and staff for clinical instruction for decades and has committed to continued support for the expansion of these educational opportunities. The proposed curriculum reflects the input of the industry partners who seek to employ people with advanced skills in current and emerging technologies. Faculty sought the counsel of radiologists, radiology directors and clinical specialists, as well as the national guidelines from the American Society of Radiologic Technologists (ASRT) in preparing this proposal.

DEMAND: FLORIDA DEPARTMENT OF ECONOMIC OPPORTUNITY (DEO) EMPLOYMENT PROJECTIONS

3.1.1 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 DEMAND SECTION

Occupation			Number of Jobs				Salary		Education Level	
Name/Title	SOC Code	County/ Region	2021	2029	**Level Change	***Total Job Openings	Average Hourly Wage	Annualized Salary	FL	BLS
Diagnostic Medical Sonographers	29-2032	Palm Beach County	463	573	23.76	310	31.92	\$ 66,394	PS	A
Radiation Therapists	291124	Palm Beach County	62	71	14.52	34	32.55	\$ 67,704	A	A
Radiologic Technologists	292034	Palm Beach County	1179	1350	14.50	659	26.62	\$ 55,370	PS	A
Magnetic Resonance Imaging Technologists	292035	Palm Beach County	281	327	16.37	163	34.32	\$ 71,386	PS	A
Medical Dosimetrist and Health Technologist and Technicians, all other	292098	Palm Beach County	1882	2131	13.23	1372	20.27	\$ 42,162	PS	PS
								\$ -		
								\$ -		
								\$ -		
								\$ -		
								\$ -		
								\$ -		
					Total	317	\$ 29.14	\$ 60,603		

*Please replace the “Base Year” and “Projected Year” headers with the years reflected in the projections portal (e.g., Base Year is 2019, Projected Year is 2027).

**Please note that the “Level Change” column in Table 3.1.1 corresponds to the “Percent Growth” employment projections data produced by the DEO.

***Please note that the “Total Job Openings” columns is preset to be divided by 8.

DEMAND: OTHER ENTITY INDEPENDENT OF THE COLLEGE – (DEO)

3.1.2 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.

Occupation			Number of Jobs				Salary		Education Level	
Name/Title	SOC Code	County/ Region	*Base Year	*Projected Year	Level Change	Total Job Openings	Average Hourly Wage	Annualized Salary	FL	BLS
					#DIV/0!			\$ -		
					#DIV/0!			\$ -		
					#DIV/0!			\$ -		
					#DIV/0!			\$ -		
					#DIV/0!			\$ -		PS
					#DIV/0!			\$ -		
					#DIV/0!			\$ -		
					#DIV/0!			\$ -		
					#DIV/0!			\$ -		
					#DIV/0!			\$ -		
					Total	0				

*Please replace the “Base Year” and “Projected Year” headers with the corresponding years reported.

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	324	0	0	324	324					
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.

The Business Partnership Council, 30 representatives from community hospitals and imaging centers within our service area have expressed their support for the development of the BS program. They have attended meetings to provide input to the curriculum and general focus of the program. They have provided guidance regarding the delivery of online course work and the inclusion of clinical sub-specialties to meet the job market demand. This program is also designed to maximize the new offerings related to artificial intelligence via the University of Florida program in Palm Beach. Palm Beach County is the third largest county in Florida, home to 1.6 million people, a number that expands significantly during tourist season.

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.

The entry level point for most imaging modalities is slated at the AS degree level. This program will prepare individuals to advance their skills and meet the growing demand for multi-credentialed imaging professionals. Specifically, this program provides tracks of instruction in CT, MRI, Echocardiography and Interventional Radiology.

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

This program will provide graduates with the skills they need to pursue careers in radiology advanced imaging modalities such as CT, MRI, Interventional radiology, advanced sonography, teaching, sales and management. The American Registry of Radiologic Technologists is now requiring a formal education component to sit for national examinations. The pathway to teaching, sales and management has always included BS degrees and imaging technologists were forced to select unrelated majors that did not advance their skill within the discipline. This degree answers the needs for imaging personnel to reach the next level in their career.

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.

The faculty within the AS degree program in Radiography initiated this proposal in 2012, it was reviewed by industry partners and advanced to the Dean's Council for consideration but declined for implementation. Since that time, the industry has grown and demand for advanced education in medical imaging has increased dramatically. The refreshed proposal was prepared by department faculty and submitted to the Business Partnership Council for input, review and approval at the meeting in October, 2021. The proposal was fine tuned to include community input and submitted to the Health Science Cluster in October, 2021, where it was approved. The next step for this proposal was submission to the Dean's Council in December, 2021, where it was approved. The final two steps were the President's cabinet meeting in January, 2022 where the proposal was approved and recommended to the District Board of Trustees. This final approval was granted in February, 2022.

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.

This program proposal was initiated in 2012; however, the Florida legislation placed a moratorium on program development for several years. The faculty and Business Partnership Council have continued discussions since then and we returned with this proposal knowing there is a pent-up demand for education at the bachelor's level from our alumni and community of interest. The community of interest includes all of South Florida and the Treasure Coast. The Medical Advisor for both programs strongly recommends development of this program to provide a continuation of a career ladder. The proposed curriculum was reviewed by hospital radiology directors and modified to reflect their input and to reflect current technologies, such as artificial intelligence and computer aided diagnostics.

<p>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.</p>
<p>4.3.1 Public Universities in College’s Service District</p>
<p>Date(s): March 2022</p> <p>Institution(s): Florida Atlantic University</p> <p>Activity Descriptions and Outcomes: Palm Beach State has had productive open dialog with Florida Atlantic University regarding this program proposal. The Dean and Vice President of Medical Affairs has provided a letter of support.</p>
<p>4.3.2 Regionally Accredited Institutions in College’s Service District</p>
<p>Date(s): May 2022</p> <p>Institution(s): Southern Association of Colleges and Schools- SACSCOC</p> <p>Activity Descriptions and Outcomes: An application for substantive change has been submitted for consideration to the SACSCOC.</p>
<p>4.3.3 Institutions outside of College’s Service District (If applicable)</p>
<p>Date(s): N/A</p> <p>Institution(s): Click or tap here to enter text.</p> <p>Activity Descriptions and Outcomes: Click or tap here to enter text.</p>