About the certificates…

Palm Beach State College offers Advanced Technical Certificates (ATC’s) with separate tracks in the modalities of Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) within the discipline of Medical Imaging. ATC’s are advanced, specialized programs of study for people credentialed and degreed in radiography. ATC’s consist of a minimum of 9 credit hours and not more than 45 credit hours. They are career oriented, college-level certificates consisting of classroom and clinical experience. The certificates are geared towards the working technologist with many courses being offered in the evenings.

The mission of the ATC’s in Medical Imaging is to provide technologists with employment skills required to enter the workforce in the advanced modalities of CT and MRI. A choice of elective courses allows technologists currently in field to complete the requirements of an ATC. A clinical component allows those not employed in the chosen modality to begin attaining the clinical competencies required by the American Registry of Radiologic Technologists (ARRT) for examination eligibility. Participation in a clinical component requires a 24 hour per week commitment.

What are the duties of technologists registered in an advanced modality?

Technologists in Medical Imaging combine the technology of medical imaging with their skills in patient care to create high-quality, diagnostic images. Physicians use these images in the detection, diagnosis, and treatment of disease or injury. This is a profession that requires a dependable personality with a mature and caring nature. This occupation involves tasks of patient care and communication with patients and their families, as well as other members of the health care team. These advanced modalities may require “on-call” availability of the technologist as well.

What is the job outlook?

Excellent. The demand for diagnostic imaging personnel is expected to increase according to the U.S. Department of Labor. Salary ranges for graduates of such programs vary by region. The registered technologist can expect to enter the job market at approximately $35,000-$40,000 annually, with increases based on experience and specialization, up to $60,000 or more, according to the 2010 ASRT Wage Survey.

What are the costs for the program?

Florida resident tuition costs are currently $98.25 per credit hour. To receive a certificate of completion, 9-12 credit hours must be completed successfully. Total tuition costs for a certificate are approximately $884.25 – $1,179.00. Books, special fees, uniforms, liability insurance, and professional association membership dues total approximately $500. Transportation consideration for attendance to clinical education typically ranges between $650-1,250. (Gas, oil, maintenance) Total approximate cost: $2,034.25 – $2,929.00.

What about continuing education?

ATC didactic courses award 24 category “A” continuing education units (CEU’s) from the Florida Department of Health, Bureau of Radiation Control.

Are there other methods I can further my education?

Palm Beach State offers RT’s the opportunity to earn an Associate in Science degree. A registered technologist who has completed a program of study which meets the requirements of the JRCERT and passed the ARRT examination may be granted college credit. A fee of $50 is required for the evaluation of the student's credentials. Please visit www.palmbeachstate.edu/prior-learning/ for further information.

Additionally, RT’s who hold an Associate in Science degree may continue their education toward a Bachelor’s of Applied Science Degree, please visit this website for further information: www.palmbeachstate.edu/programs/bachelor/. This program prepares technologists to advance their career in supervision and management.
Applications to the Advanced Technical Certificates in Medical Imaging are accepted on a space available basis.

**Special Admission Requirements**

Courses in the CT track are available to registered technologists holding an active credential from the ARRT in Radiography. Courses in the MRI track are available to registered technologists holding an active credential from the ARRT. Technologists must meet the ARRT’s clinical experience requirements to attain advanced modality registry eligibility; for more information on these requirements visit www.arrt.org. Please note that while the ATC Programs offer a clinical component, the college is unable to guarantee registry eligibility. Please refer to the course descriptions for any other pre-requisite course requirements. All courses must be completed with a grade of C or better to be awarded an Advanced Technical Certificate.

**Applications and Fees** [www.palmbeachstate.edu/admissions/transcript-request.aspx](http://www.palmbeachstate.edu/admissions/transcript-request.aspx)

First-time Palm Beach State Students: Submit a completed Palm Beach State general application at [www.palmbeachstate.edu/admissions/](http://www.palmbeachstate.edu/admissions/) and pay the appropriate fee. This one-time fee is $30 for U.S. citizens, $75 (U.S. currency) for international students and is non-refundable. In addition, applicants must submit a Palm Beach State ATC in Medical Imaging program application to the department office address, listed on the front page.

Non first-time Palm Beach State Students: Applicants must submit a Palm Beach State ATC in Medical Imaging program application to the department office address, listed on the front page. Returning students, who have not registered for courses at Palm Beach State within the last calendar year, must apply for readmission. There is no fee to reapply to Palm Beach State.

**Official Transcripts** (transcripts are considered official if sent directly to Palm Beach State College from the previous institution or be hand-delivered in a sealed envelope sealed by the issuing institution) from high school and ALL post-secondary institutions attended must be submitted. You may download the transcript request form from our website at [www.palmbeachstate.edu/admissions/transcript-request.aspx](http://www.palmbeachstate.edu/admissions/transcript-request.aspx). All post-secondary records from out of the country must be submitted with a commercial evaluation. If you have attended college, we still require proof of a standard high school diploma, GED or validated foreign equivalent. Commercial evaluation of foreign transcripts must be conducted by approved evaluators listed at [www.palmbeachstate.edu/academicservices/information-and-reference/faculty-credentialing-tools/foreign-transcript-evaluators.aspx](http://www.palmbeachstate.edu/academicservices/information-and-reference/faculty-credentialing-tools/foreign-transcript-evaluators.aspx)

**Applications**

Any student falsifying application records will be subject to immediate dismissal without refund. All credentials submitted become the property of the college and cannot be returned to the student. Any student convicted of a felony must have the conviction reviewed by the ARRT prior to writing the Registry Exam. Palm Beach State College does not discriminate on the basis of race, color, creed, ethnicity, national origin, gender, age, sexual orientation, marital or disability status in any of its educational programs or other programs and practices.

Students participating in a clinical course will be required to submit documentation of a complete physical exam, immunizations, drug screening and criminal background check prior to receiving clinical placement.

Pregnancy Policy: Please note that for the safety and protection of prospective mothers, the Program has a “pregnancy policy” in place. This policy is outlined in the Advanced Technical Certificate in Medical Imaging Handbook and generally describes measures taken to protect unborn children from the potential risks associated with exposure to radiation. See program faculty for details.

**Admission Criteria**

Students will be selected based on a point scale of the following criteria:

- Completion of general education course work: Anatomy & Physiology I and II/labs, College Algebra, Composition, Psychology, Humanities and Microcomputer Skills.
- Cumulative grade point average (GPA) must be at least 2.0 in all previous college work.
- Placement test scores must be at college level (or remediation completed).
- Consideration will be given for prior degree and health care experience.
- Florida residents and previous Palm Beach State College students will also be given consideration in the selection process.

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**MAGNETIC RESONANCE IMAGING (MRI) TRACK**

*Beginning each Fall Term*

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTE2575 Intro. to Magnetic Resonance Imaging</td>
<td>3</td>
</tr>
<tr>
<td>RTE2576 Magnetic Resonance Imaging II</td>
<td>3</td>
</tr>
<tr>
<td>RTE2762 Cross-sectional Anatomy</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Required Course Credits**

9

**Electives (Choose one of the following)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>RTE2130 Pharmacology for Medical Imaging</td>
<td>3</td>
</tr>
<tr>
<td>RTE2577L Magnetic Resonance Imaging Clinical Education I</td>
<td>3</td>
</tr>
<tr>
<td>RTE2576L Magnetic Resonance Imaging Clinical Education II</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Required Elective Credits**

3

**Total Certificate Credits**

12
After all general admission criteria have been satisfied, a point system will be utilized for selection.

**General Admissions:**
- Palm Beach State College Application ($30.00 for US Students and $75.00 for International Students)
- Palm Beach State College Readmit Application or enrolled in credit course in last 12 months
- Palm Beach State College Orientation (First time in college students only)
- Transcripts
- College level English and Math at an accredited college or College level placement test or successful completion of remedial courses (preps)

**Program Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Points</th>
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<tbody>
<tr>
<td>ATC Application</td>
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<tr>
<td>ARRT Certification/DOH licensure/or eligible</td>
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</tr>
<tr>
<td>Undergraduate Grade Point Avg (2.0 min.) based on 12 college credits</td>
<td>GPA</td>
</tr>
<tr>
<td>Previous Palm Beach State College Student</td>
<td>+0.5</td>
</tr>
<tr>
<td>College Degree (AAS, AS, AA, BS, BA, MS, MA) from an accredited institution</td>
<td>+0.5</td>
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</tbody>
</table>

**General Education Courses**

BSC 2085, BSC 2085L, must be completed prior to the start of the program earning a grade of “C” or better.

<table>
<thead>
<tr>
<th>Course</th>
<th>Points</th>
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<tbody>
<tr>
<td>Anatomy and Physiology I / Lab</td>
<td>+0.5</td>
</tr>
<tr>
<td>Anatomy and Physiology II / Lab</td>
<td>+0.5</td>
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<tr>
<td>College Composition I</td>
<td>+0.5</td>
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<tr>
<td>College Algebra or Higher</td>
<td>+0.5</td>
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<tr>
<td>Humanities Elective</td>
<td>+0.5</td>
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<tr>
<td>General Psychology</td>
<td>+0.5</td>
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<tr>
<td>Microcomputer Skills or equivalent</td>
<td>+0.5</td>
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**Total Points**

Revised: February 3, 2014

**IF AN APPLICANT IS SELECTED AND DOES NOT ENTER THE PROGRAM OR IS NOT SELECTED, THE APPLICANT MUST REAPPLY AND IS NOT GUARANTEED ACCEPTANCE IN ANY SUBSEQUENT SELECTION PROCESS.**
MEDICAL IMAGING APPLICATION

Please Type or Print Clearly

1. PALM BEACH STATE STUDENT ID __________________________  PROGRAM OBJECTIVE  Magnetic Resonance Imaging (MRI)  4322 □

2. HOME CAMPUS DESIGNATION  □ Belle Glade  □ Boca Raton
                                       □ Lake Worth  □ PB Gardens

3. E-MAIL ADDRESS ____________________________ @ ____________________

4. NAME _____________________________________________ Last                  First            MIDDLE              SUFFIX

5. If any of your transcripts, test scores, etc., might arrive under any names other than those listed above, enter names here:
________________________________________________________________________________________________________________________________________________________

6. LOCAL ADDRESS ______________________________________________________________
   NUMBER AND STREET ADDRESS __________________________________________
   CITY
   COUNTY (or PROVINCE) __________________________________________
   STATE: __________________________ ZIP CODE: __________________________

7. HOME TELEPHONE (_____ ) ______________________ 8. DATE OF BIRTH __________________________
   CELL PHONE (_____ ) ______________________  EMERGENCY CONTACT: __________________________
   ____________________________________________________________________________

TRANSCRIPTS  Official transcripts must be sent directly to Palm Beach State from issuing school/agency. All applicants, including college transfers, must submit high school or GED transcripts directly to Palm Beach State. College transfer students must submit official transcripts from all colleges in which applicant has enrolled.

9. HIGH SCHOOL GRADUATE?  □ Yes □ No  or  GED?  □ Yes □ No

10. COLLEGE/UNIVERSITY/RADIOGRAPHY TRAINING
List all postsecondary colleges or universities you have enrolled. Omission of any constitutes falsification of records and voids application.

<table>
<thead>
<tr>
<th>NAME OF INSTITUTION</th>
<th>CITY / STATE</th>
<th>DATES</th>
<th>DEGREE</th>
<th>CREDIT</th>
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To list more colleges/universities, attach a separate page.

11. ARE YOU EMPLOYED?  __________  NAME OF EMPLOYER________________________
    ADDRESS ______________________________________________________________

12. MAY YOUR INSTRUCTOR(S) CONTACT YOU AT HOME AND/OR WORK?  __________________________

13. HOW LONG HAVE YOU BEEN A TECHNOLOGIST  ___________ YEARS  _______________ MONTHS

14. ARRT/REGISTRATION NUMBER:  ____________  EXPIRATION DATE:  ________________

15. FLORIDA DOH LICENSE NUMBER:  ____________  EXPIRATION DATE:  ________________

16. DO YOU WISH TO ENROLL IN CLINICAL COURSE?  □ Yes  □ No

I understand that falsification or omission of any information may result in my dismissal or rejection from the College.

SIGNATURE OF APPLICANT __________________________ DATE __________________________

WITNESS __________________________ DATE __________________________