

About the Program

The Advanced Technical Certificate (A.T.C.) in Radiation Therapy Specialist trains students to work as part of a health care team under the supervision of a radiation oncologist. The radiation therapist positions the patient for treatment, performs the necessary mathematical calculations to determine the radiation dosage, and delivers the radiation treatments utilizing highly sophisticated equipment.

The program follows a cohort-based model and students who are enrolled full-time may complete coursework within 12-months.

For more information about this program, visit fscj.edu/academics/programs/certs/4105.

Note: If you are considering employment in a state other than Florida, please visit fscj.edu/academics/license-disclose to determine if this program will meet the selected state's educational requirements to sit for licensure or certification testing.

Program Requirements

In order to be considered for the Radiation Therapy Specialist program, the student must be registered with the American Registry of Radiologic Technologists (ARRT) as a radiologic technologist or nuclear medicine technologist and have earned a minimum of an associate degree. Please refer to the American Registry of Radiologic Technologists eligibility requirements for January 2015.

Students should refer to the college catalog for important information regarding requirements for drug screening and criminal background checks.

This program requires a **minimum of 43 credit hours**. Total program hours may vary based on the student's individual academic plan. This program is **eligible** for financial aid.

Students in this certificate program **are not required** to complete math courses unless they are listed as part of the certificate program. Related programs suggest an **Algebra Through Calculus math pathway**.

Application Procedure

This is a Limited Access program. To meet the minimum requirements for consideration for acceptance to the Radiation Therapy program, students must:

- ☐ Submit a Florida State College at Jacksonville application.
- ☐ Submit a Radiation Therapy Specialist program application.
- ☐ Submit a copy of ARRT Exam Scores.
- ☐ Provide a copy of current ARRT card. The ARRT card must clearly show the candidate's identification number, the registration category, and the "valid through end of" date, and indicate that the candidate is "in compliance with continuing education requirements."
- ☐ Have completed a minimum of an associate degree. Please refer to the American Registry of Radiologic Technologists eligibility requirements for January 2015.

Note: Admissions preference is given to fully qualified candidates who have met all entrance criteria, including the satisfaction of prerequisite courses. Should seats remain available in the program cohort, applicants who fulfill admissions criteria prior to the start of the program will be considered next.

Application Deadline

The application deadline is September 15 alternate/even years with classes starting in spring term.

Technical Certificate Graduation Requirements

- ☐ Fulfill all academic requirements for the chosen program of study as outlined in the Florida State College at Jacksonville catalog and curriculum.
- ☐ Earn minimum prescribed semester hours for the chosen program of study with a cumulative grade point average of 2.0 (C) on a 4.0 scale on all courses that apply to the chosen program of study.
- ☐ Complete a minimum of 25 percent of the total hours required for the program in residence at Florida State College at Jacksonville. Credit by examination and credit for prior learning do not count toward this residency requirement.
- ☐ Fulfill all obligations, financial or otherwise, to the College before graduating.

Catalog Year

This document is prepared for students with a **2025-26 College Catalog year** who have not tested into developmental education courses. **Students who enter under the 2025-26 catalog** will be assigned to the degree or certificate requirements in effect during the 2025-26 academic year. The student's assigned catalog year will remain in effect as long as the student maintains continuous enrollment. Changes to requirements as mandated by law or by rule of the District Board of Trustees may supersede this provision.

To maintain continuous enrollment, a student must have registration for, and successful completion of, at least one course within a three-term period. After three consecutive terms of no enrollment, the student will be discontinued from the current program of study and will need to apply to FSCJ to reenter under the same program of study. Upon readmission, the student will be assigned to the current catalog of record in the chosen program.

Sample Roadmap

All courses in this program must be completed with a grade of C or higher.

Terms Offered are subject to change. Please verify course availability at fscj.edu/schedules. Prior to enrolling in classes, please meet with an advisor for specific guidance about your individual academic plan.

Term 1: Spring

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| ☐ RAT 1001 - Introduction to Radiation Therapy, Credit Hours: 3. Terms Offered: Fall, Spring. | Grade Earned: _____ |
| ☐ RAT 2614 - Radiation Physics, Credit Hours: 3. Terms Offered: Fall, Spring. | Grade Earned: _____ |
| ☐ RAT 2241 - Radiation Biology and Safety, Credit Hours: 3. Terms Offered: Spring. | Grade Earned: _____ |
| ☐ RAT 2242 - Oncology I, Credit Hours: 3. Terms Offered: Fall, Spring. | Grade Earned: _____ |
| ☐ RAT 2123 - Patient Care in Radiation Therapy, Credit Hours: 3. Terms Offered: Fall, Spring. | Grade Earned: _____ |

Term 2: Summer

Note: RAT 2832 and RAT 2833 are taken in the A7 and C7 sessions of the same term.

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| ☐ RAT 2651C - Dosimetry and Treatment Planning, Credit Hours: 3. Terms Offered: Fall, Summer. | Grade Earned: _____ |
| ☐ RAT 2243 - Oncology II, Credit Hours: 3. Terms Offered: Spring, Summer. | Grade Earned: _____ |
| ☐ RAT 2832 - Clinical Education B, Credit Hours: 6. Terms Offered: Summer. | Grade Earned: _____ |
| ☐ RAT 2833 - Clinical Education C, Credit Hours: 6. Terms Offered: Fall, Summer. | Grade Earned: _____ |

Term 3: Fall or Spring

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| ☐ RAT 2834 - Clinical Education D, Credit Hours: 7. Terms Offered: Fall, Spring. | Grade Earned: _____ |
| ☐ RAT 2061 - Seminar: Registry Review, Credit Hours: 3. Terms Offered: Fall, Spring. | Grade Earned: _____ |

Course Requirements

Prerequisites, corequisites, and conditions for any course are subject to change. Students must meet the prerequisite and corequisite requirements of any course at the time the student attempts to register for that course. If you have questions about the prerequisites, corequisites, or conditions for a course, please contact any academic advisor.

Professional Courses

Complete all of the following courses.

RAT 1001 - Introduction to Radiation Therapy, Credit Hours: 3. **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** Admission to the Radiation Therapy or Radiation Therapy Specialist program. **Terms Offered:** Fall, Spring.

RAT 2241 - Radiation Biology and Safety, Credit Hours: 3. **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** Admission to the Radiation Therapy or Radiation Therapy Specialist or Radiography program. **Terms Offered:** Spring.

RAT 2242 - Oncology I, Credit Hours: 3. **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** Admission to the Radiation Therapy or Radiation Therapy Specialist program. **Terms Offered:** Fall, Spring.

RAT 2614 - Radiation Physics, Credit Hours: 3. **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** Admission to the Radiation Therapy or Radiation Therapy Specialist program. **Terms Offered:** Fall, Spring.

RAT 2651C - Dosimetry and Treatment Planning, Credit Hours: 3. **Prerequisite(s):** RAT 2614. **Corequisite(s):** None. **Conditions:** Admission to the Radiation Therapy or Radiation Therapy Specialist program. **Terms Offered:** Fall, Summer.

RAT 2243 - Oncology II, Credit Hours: 3. **Prerequisite(s):** RAT 2242. **Corequisite(s):** None. **Conditions:** Admission to the Radiation Therapy or Radiation Therapy Specialist program. **Terms Offered:** Spring, Summer.

RAT 2123 - Patient Care in Radiation Therapy, Credit Hours: 3. **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** Admission to the Radiation Therapy or Radiation Therapy Specialist program. **Terms Offered:** Fall, Spring.

RAT 2832 - Clinical Education B, Credit Hours: 6. **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** Admission to the Radiation Therapy or Radiation Therapy Specialist program. **Terms Offered:** Summer.

RAT 2833 - Clinical Education C, Credit Hours: 6. **Prerequisite(s):** RAT 2832. **Corequisite(s):** None. **Conditions:** Admission to the Radiation Therapy or Radiation Therapy Specialist program. **Terms Offered:** Fall, Summer.

RAT 2834 - Clinical Education D, Credit Hours: 7. **Prerequisite(s):** RAT 2833. **Corequisite(s):** None. **Conditions:** Admission to the Radiation Therapy or Radiation Therapy Specialist program. **Terms Offered:** Fall, Spring.

RAT 2061 - Seminar: Registry Review, Credit Hours: 3. **Prerequisite(s):** RAT 2833. **Corequisite(s):** None. **Conditions:** Admission to the Radiation Therapy or Radiation Therapy Specialist program. **Terms Offered:** Fall, Spring.