

# ALLIED HEALTH



ST. JOHNS RIVER STATE COLLEGE

## ALLIED HEALTH

EMERGENCY MEDICAL SERVICES

EMERGENCY MEDICAL TECHNICIAN

HEALTH INFORMATION TECHNOLOGY

HEALTH SERVICES MANAGEMENT

HEALTH CARE SERVICES

PARAMEDIC

MEDICAL OFFICE ADMINISTRATION

OFFICE MANAGEMENT - MEDICAL OFFICE

OFFICE SPECIALIST - MEDICAL OFFICE

OFFICE SUPPORT - MEDICAL OFFICE

RADIOLOGIC TECHNOLOGY

RESPIRATORY CARE

# EMERGENCY MEDICAL SERVICES (0085)

ASSOCIATE IN SCIENCE DEGREE

This program is designed to prepare paramedics to work in a management position in emergency medical services. Florida-certified paramedics who have completed a Florida-approved program and have passed the state licensure exam will be awarded 42 semester hours of college credit toward the Associate in Science degree upon completion of the requirements outlined below.

For additional information check our website at [SJRstate.edu](http://SJRstate.edu) under Workforce Education or call 904-808-7465.

## GENERAL EDUCATION COURSES:

ENC	1101	Composition I.....	3	
+	ENC	1102	Composition II.....	3
+*	—	—	General Education Mathematics.....	3
+*	—	—	General Education Humanities.....	3
*	—	—	General Education Social Science.....	3

## DEGREE SPECIFIC COURSES:

CGS	1100	Paramedic Certificate ♦.....	42
		Microcomputer Applications Software.....	3
		Electives.....	13

## ELECTIVES - CHOOSE FROM THE FOLLOWING:

BSC	2085	Human Anatomy and Physiology.....	3
BSC	2085L	Human Anatomy and Physiology Lab.....	1
ECO	2013	Macroeconomics.....	3
HSC	1531	Medical Terminology.....	3
MAN	2021	Principles of Management.....	3
		EMT Certificate ♦.....	12
OR			
EMS	1119	Emergency Medical Technician.....	6
EMS	1119L	Emergency Medical Technician Lab.....	3
EMS	1431	EMT Hospital/Field Experience.....	3

**REQUIRED TOTAL CREDIT HOURS** **73**

\*Refer to A.A. degree general education requirements.

+Prerequisite course may be required. See course descriptions in catalog.

♦ Must meet FDOE statewide articulation requirements and show proof of current EMT or paramedic licensure

# EMERGENCY MEDICAL TECHNICIAN (4085)

COLLEGE CREDIT CERTIFICATE

*This is an instructional program that prepares students for employment as emergency medical technicians to function at the basic pre-hospital emergency medical technician level and treat various medical/trauma conditions using appropriate equipment and materials. The program prepares students for certification as EMTs in accordance with Chapter 64J of the Florida Administrative Code. This is the initial level for a career in emergency medical services and the primary prerequisite for paramedic training and certification.*

For additional information check our website at [SJRstate.edu](http://SJRstate.edu) under Workforce Education or call 904-808-7465.

## **ADMISSION REQUIREMENTS**

The Emergency Medical Technician (EMT) program is a limited access program. To apply for admission to the EMT program, a student must have completed all of the following prior to the program application deadline:

1. Application process to SJR State;
2. Application to EMT program;  
Applicants may apply:  
April 1 - June 15 for fall enrollment  
August 1 - October 15 for spring enrollment

## **STUDENT SELECTION**

To be considered for admission, the student should be cleared by Admissions/Records indicating that all external college transcripts and high school diplomas have been received and the student has a complete admission file.

## **POST-ADMISSION REQUIREMENTS**

Following acceptance into the program, EMT students must complete/attend the following requirements. Failure to comply with these requirements may result in administrative withdrawal from the EMT program.

1. All students are asked to sign a consent and waiver to perform a criminal and professional background check and drug screen. Failure to provide consent will render the application ineligible for admission to the program. Admission to the program is conditional upon the results of the criminal and professional background check and drug screen. Additional random and scheduled drug screening may be required at any time during the program.
2. Attend a EMT student orientation on the specified date.
3. Have an annual physical examination verifying acceptable health status and completing all the requirements for the EMT program. Requirements for the physical are included on the form provided to each student after admission to the EMT program.

## **PROGRAM SPECIFIC COURSES:**

EMS 1119	Emergency Medical Technician .....	6
EMS 1119L	Emergency Medical Technician Lab.....	3
EMS 1431	EMT Hospital/Field Experience .....	3

**REQUIRED TOTAL CREDIT HOURS** **12**

A student must earn a grade of "C" or better in all courses required in the program.



**The Registered Health Information Technician (RHIT) Associate in Science program emphasizes skills in health data collection, quality, monitoring, and adhering to legal and regulatory standards.**

*These technicians serve as medical coders, clinical data specialists, data quality managers, and information security officers. They hold supervisor, manager, and director positions in health care settings across the continuum of the health care industry.*

*Courses include design and implementation of systems for the collection of complete and accurate health records on each patient and the processing, storage, retrieval, security and release of health information and statistics in a timely manner for appropriate uses.*

*Students are instructed in regulatory compliance, performance improvement, quality assurance, utilization review, risk management, and departmental management.*

*The program consists of 70 semester hours of general education and health information technology core courses.*

*The HIT program is accredited through the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). Students are eligible to sit for the national certification credentialing exam to become Registered Health Information Technicians (RHIT) after completion of the program or during their last semester with approval from the director for early testing. The RHIT exam is a national certification offered through the American Health Information Management Association (AHIMA).*

**For additional information check our website at [SJRstate.edu](http://SJRstate.edu) under Workforce Education or call 904-808-7465.**

### PROGRAM MISSION STATEMENT

The mission of the Health Information Technology program is to improve the health care delivery system through education and training to make sure students are competent in the management of health information systems, healthcare reimbursement, clinical coding, and legal aspects of healthcare to provide service to the HIM industry. It provides graduates with the knowledge and skills necessary to become self-directed learners who possess critical thinking skills, as well as problem-solving, communication, and interpersonal skills. The program is designed to prepare graduates to work as Registered Health Information Technicians and manage health-related information in a variety of settings.

The Health Information Technology courses are offered via distance education (online). Students are required to participate in a 64 hour internship at a healthcare facility during their final semester in the program. The internship must be approved by the Health Information Technology Director and coordinated by the student. A student must earn a grade of "C" or above in all courses required in the program. **The program is a full-time program and students must follow the Health Information Technology program rotation.**

**(Note that students who are only taking prerequisites for admission into the program and who are not pursuing other degree programs are not considered regular, admitted students and are therefore not eligible for either federal or state forms of financial aid).**

Applicants may apply:  
April 1 - May 15 for Fall enrollment

### ADMISSION REQUIREMENTS

The Health Information Technology program is a limited access program.

To apply for admission to the Health Information Technology program, a student must have completed all of the following:

1. Application to SJR State;
2. Application to the Health Information Technology program;
3. Achieved satisfactory scores on college placement tests or have completed all college preparatory courses;
4. Complete the seven prerequisite courses prior to the application period:

	ENC	1101	Composition I
	BSC	2085 & 2085L	Human Anatomy and Physiology I and Lab
	BSC	2086 & 2086L	Human Anatomy and Physiology II and Lab
	CGS	1100	Microcomputer Applications
	HSC	1531	Medical Terminology
*			General Education Mathematics
+	HIM	2432	Concepts of Disease

\* Refer to A.A. degree general education requirements.

## **ADMISSION REQUIREMENTS (POST DEGREE WITH LICENSURE/CERTIFICATION)**

To apply for admission to the Health Information Technology (post degree) a student must have completed all of the following:

1. Application to SJR State;
2. Application to the Health Information Technology (post degree);
3. Provide an official transcript with an earned degree and one of the following licensure/certifications: CCS, CCA, CCS-P, RHIT, RHIA;
4. New applicants will be considered after all current Health Information Technology seats are filled.

**Applicants are considered on a space available basis. Priority will be given based on the date admission requirements have been completed.**

## **STUDENT SELECTION**

Student selection is objective and based on the following point system: **(MAXIMUM POSSIBLE POINTS = 164)**

1. **92 POSSIBLE POINTS** – Completion of general education and Health Information Technology-related courses. Total of 23 credit hours are available for point consideration. The method of point calculation for this category is based on the following formula:  
 Letter grade value X class credit hours = points assigned  
 A = 4 points                      B = 3 points                      C = 2 points  
 Ex. Student achieves a letter grade of “C” in HSC 1000 (3 cr. hrs.)  
 A “C” grade = 2 points X 3 cr. hr. class = 6 points
2. **15 POINTS AWARDED** – Residence in Clay, Putnam, or St. Johns counties, Florida (Not required)
3. **15 POINTS AWARDED** – Current licensure/credential in a medical profession
4. **20 POSSIBLE POINTS AWARDED** – 5 points will be awarded if applicant has a college-level certificate; 10 points will be awarded if applicant has an A.A./A.S. degree; 15 points will be awarded if applicant has a BA/BS degree; and 20 points will be awarded if applicant has a MA/MS degree
5. **16 POSSIBLE POINTS AWARDED** – 2 points will be awarded for each prerequisite course taken at St. Johns River State College
6. **6 POSSIBLE POINTS AWARDED** – Completion of HSC 1004 –Professions of Caring course. 6 points awarded for an “A” in the course, 4 points awarded for a “B” in the course, and 2 points will be awarded for a “C” in the course

## **POST ADMISSION REQUIREMENTS**

Following acceptance into the Health Information Technology program, students must complete/attend the following:

1. All students are required to sign a consent and waiver to perform a criminal and professional background check and drug screen. Failure to provide consent will render the applicant ineligible for admission to the program. Admission to the program is conditional upon the results of the criminal and professional background check and drug screen. Additional random and scheduled drug screening may be required at any time during the program.
2. Have a physical examination verifying that the student is free of communicable diseases; exam must include TB screening; however, Hepatitis B vaccination and Flu shot are optional
3. All students are required to sign a confidentiality statement which is kept on file in the Health Information Technology department.
4. Attend a Health Information Technology student orientation on the specified date

**Note: Failure to comply with these requirements may result in administrative withdrawal from the Health Information Technology program.**

## **GENERAL EDUCATION COURSES**

BSC	2085	Human Anatomy and Physiology I.....	3
BSC	2085L	Human Anatomy and Physiology I Lab .....	1
ENC	1101	Composition I.....	3
+*	___	General Education Mathematics.....	3
+*	___	General Education Humanities.....	3
*	___	General Education Social Science.....	3

## **HEALTH INFORMATION TECHNOLOGY RELATED COURSES**

+	BSC	2086	Human Anatomy and Physiology II.....	3
+	BSC	2086L	Human Anatomy and Physiology II Lab .....	1
	CGS	1100	Microcomputer Applications Software.....	3
	HSC	1000	Introduction to Healthcare Delivery System .....	3
	HSC	1531	Medical Terminology.....	3
	HIM	1000	Introduction to Health Information Management .....	3
+	HIM	2432	Concepts of Disease .....	3

**DEGREE SPECIFIC COURSES**

+	HIM	1110	Standard Healthcare Practices.....	3
+	HIM	1211C	Health Information Systems.....	3
+	HIM	1282C	Basic ICD Diagnostic Coding.....	3
+	HIM	1442	Pharmacology for Health Professionals.....	2
+	HIM	2012	Health Care Law.....	3
+	HIM	2214	Healthcare Statistics & Research.....	3
+	HIM	2255C	CPT Coding.....	3
+	HIM	2512	Supervision, Organization, and Management.....	3
+	HIM	2723C	ICD Procedure Coding.....	3
+	HIM	2729C	Advanced Coding and Healthcare Reimbursement.....	3
+	HIM	2800	Professional Practice Experience I.....	3
+	HIM	2820	Professional Practice Experience II.....	3

**REQUIRED TOTAL CREDIT HOURS**

**70**

**NOTE: Professional Practice Experience classes require travel and day/evening sessions.**

+Prerequisite courses required. See course descriptions in catalog.

\* Refer to A.A. degree general education requirements.

NOTE: Students who complete the following courses will be eligible to attain the Medical Information/Coder Certificate (4160): BSC 2085, BSC 2085L, BSC 2086, BSC 2086L, CGS 1100, HSC 1531, HIM 1000, HIM 2432, HIM 1282C, HIM 1442, HIM 2723C, HIM 2255C, HIM 2729C, HIM 2800.

Accreditation: The Health Information Technology associate degree program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM).



*This program is designed to prepare students with a background or credentials in the health field to become health services managers in their specified discipline. Communication, leadership, human relations, management, accounting, legal aspects and computer literacy are integral components of this program.*

For additional information check our website at [SJRstate.edu](http://SJRstate.edu) under Workforce Education or call 904-808-7465.

**GENERAL EDUCATION COURSES:**

+*	ENC	1101	Composition I.....	3
+*	ENC	1102	Composition II.....	3
+*	—	—	General Education Humanities.....	3
*	—	—	General Education Mathematics.....	3
*	—	—	General Education Social Science.....	3

**DEGREE SPECIFIC COURSES:**

+	ACG	2021C	Principles of Financial Accounting.....	3
	CGS	1100	Microcomputer Applications.....	3
+	CGS	1515	Spreadsheet Concepts for Business.....	3
+	GEB	2214	Business Communications.....	3
+	HIM	1000	Introduction to Health Information Management.....	3
+	HIM	1500	Quality Management.....	3
+	HIM	2432	Concepts of Disease.....	3
+	HSA	2252	Health Care Coding.....	3
	HSC	1000	Introduction to Health Care Delivery System.....	3
	HSC	1004	Professions of Caring.....	3
	HSC	1531	Medical Terminology.....	3
	HSC	1641	Legal and Ethical Issues for Healthcare Providers.....	3
+	HSC	2930	Special Topics – Capstone.....	3
	MAN	2021	Principles of Management.....	3
	MAN	2300	Introduction to Human Resource Management.....	3

**REQUIRED TOTAL CREDIT HOURS** **60**

Note: All classes are available online. HSC 2930 capstone will have a required number of internship hours to complete based on credit hour requirements.

+Prerequisite courses required. See course descriptions in catalog.

\* Refer to A.A. degree general education requirements.



*This program prepares students for employment as health care services supervisors in mid-management positions in the health field. Leadership, legal aspects, budgeting, safety and management are integral components of this program.*

*This program is an intermediate step toward the Associate in Science degree in Health Services Management.*

For additional information check our website [SJRstate.edu](http://SJRstate.edu) under Workforce Education or call 904-808-7465.

**CERTIFICATE SPECIFIC COURSES:**

CGS	1100	Microcomputer Applications .....	3
+	CGS	1515 Spreadsheet Concepts for Business .....	3
+	GEB	2214 Business Communications .....	3
+	HIM	1000 Introduction to Health Information Management .....	3
+	HIM	1500 Quality Management .....	3
+	HIM	2432 Concepts of Disease .....	3
+	HSA	2252 Health Care Coding.....	3
	HSC	1000 Introduction to Health Care Delivery System.....	3
	HSC	1531 Medical Terminology.....	3
	HSC	1641 Legal and Ethical Issues for Healthcare Providers.....	3
	MAN	2021 Principles of Management .....	3

**REQUIRED TOTAL CREDIT HOURS** **33**

+Prerequisite courses required. See course descriptions in catalog.





The entry level Paramedic program prepares students for careers in the Emergency Medical Services field. This is also the intermediate step to obtain an Associate in Science degree in Emergency Medical Services. This program prepares students for certification as a paramedic and complies with the national EMS Educational Standards - Paramedic Instructional Guidelines. The limited access program consists of three consecutive semesters consisting of didactic, lab, clinical and field experiences. Students will be trained in advanced skills required for emergency pre-hospital care. In addition to performing EMT Skills, they will be trained in IV fluids, medications, advanced life support, airway management, burns, trauma, and adult and pediatric medical emergencies. Graduates are qualified to work as advanced care providers on ambulances, hospital emergency rooms, intensive care units and transport teams.

For additional information check our website at [SJRstate.edu](http://SJRstate.edu) under Workforce Education or call 904-808-7465.

**ADMISSION REQUIREMENTS**

The Paramedic program is a limited access program. To apply for admission to the Paramedic program, a student must have completed the following:

1. Application process to St. Johns River State College;
2. Application to the Paramedic program;  
Applicants may apply:  
April 1 - June 15 for fall enrollment
3. Must be 18 years of age;
4. Must have a high school diploma or GED;
5. Must have a minimum overall high school or college GPA of 2.0 (which includes transfer work);
6. Must have completed MAT 1033 and ENC 1101 or be eligible to enroll in the courses based on placement exams. Priority selection will be given to individuals who have completed the coursework and based on the highest GPA of MAT 1033 and ENC 1101;
7. Must be a Florida-certified Emergency Medical Technician or provide proof of successful completion of a Florida Emergency Technician program. Priority selection will be given to current Florida-certified Emergency Medical Technicians.

**STUDENT SELECTION**

To be considered for admission, the student is to be cleared by Admissions/Records indicating that all external college transcripts and high school diplomas have been received and that the student has a cleared admission file.

**POST- ADMISSION REQUIREMENTS**

Following acceptance into the program, Paramedic students must complete/attend the following requirements. Failure to comply with these requirements may result in administrative withdrawal from the Paramedic program.

1. All students are asked to sign a consent and waiver to perform a criminal and professional background check and drug screen. Failure to provide consent will render the applicant ineligible for admission to the program. Admission to the program is conditional upon the results of the criminal and professional background check and drug screen. Additional random and scheduled drug screening may be required at any time during the program.
2. Attend a Paramedic student orientation on the specified date.
3. Have an annual physical examination verifying acceptable health status and completing all the requirements for the Paramedic program. Requirements for the physical are included on the form provided to each student after admission to the Paramedic program.
4. Have liability/malpractice insurance of \$1,000,000 per incident and \$3,000,000 per aggregate. (Payment included with lab fees during registration).
5. Student must obtain Florida EMT certification before the start of the second semester in the Paramedic program.
6. Attend an interview with the Paramedic program director prior to the start of classes.

**PARAMEDIC CORE CLASSES**

EMS	2010	EMS Anatomy and Physiology .....	3
EMS	2603	Paramedic I .....	6
EMS	2603L	Paramedic I Lab .....	2
EMS	2666	Paramedic I Clinical Experience.....	4
+	EMS 2604	Paramedic II .....	8
+	EMS 2604L	Paramedic II Lab .....	2
+	EMS 2667	Paramedic II Clinical Experience .....	4
+	EMS 2605	Paramedic III .....	5
+	EMS 2605L	Paramedic III Lab.....	1
+	EMS 2659	Field/Clinical Internship .....	5
+	EMS 2920	Paramedic Seminar .....	2

**REQUIRED TOTAL CREDIT HOURS**

**42**

+Prerequisite course required. See course description in catalog.

A student must earn a grade of "C" or above in all courses required in the program.

Gainful employment information regarding the cost, careers, completion and placement rates associated with this program may be found at [SJRstate.edu/geprograms.html](http://SJRstate.edu/geprograms.html).

NOTE: Any person having been arrested or convicted of any offense other than a minor traffic violation should refer to the Florida Statutes, Chapter 64J, regarding emergency medical services licensure. For further information, contact the Department of Health, Division of Medical Quality Assurance, Florida Bureau of Emergency Medical Services, EMT-Paramedic Certification, 4052 Bald Cypress Way, BIN C-85, Tallahassee, FL 32399-3285.

### Accreditation

The St. Johns River State College Paramedic Program is accredited by the Commission on Accreditation of Allied Health Education Programs ([www.caahep.org](http://www.caahep.org)) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).



# MEDICAL OFFICE ADMINISTRATION (2149)

ASSOCIATE IN SCIENCE DEGREE

This program is designed to meet the needs of students desiring college-level training in office administration and meets the needs of students desiring employment as medical secretaries and medical transcriptionists in offices and hospitals.

For additional information check our website at [SJRstate.edu](http://SJRstate.edu) under Workforce Education or call 904-808-7465.

## GENERAL EDUCATION COURSES:

	ENC	1101	Composition I.....	3
+	ENC	1102	Composition II.....	3
+*	_____	_____	General Education Humanities.....	3
+*	_____	_____	General Education Mathematics.....	3
*	_____	_____	General Education Social Science.....	3

## DEGREE SPECIFIC COURSES:

+	ACG	2021C	Principles of Financial Accounting.....	3
	CGS	1100	Microcomputer Application Software.....	3
+	CGS	1515	Spreadsheet Concepts for Business.....	3
	FIN	1100	Personal Finance.....	3
	GEB	1011	Introduction to Business.....	3
+	GEB	2214	Business Communications.....	3
	HIM	1000	Introduction to Health Information Management.....	3
	HSA	1255	Office Management in Health Sciences Professions.....	3
+	HSA	2252	Health Care Coding.....	3
	HSC	1000	Introduction to Health Care Delivery System.....	3
+	HSC	1531	Medical Terminology.....	3
	HSC	2930	Special Topics - Capstone.....	3
	HSC	1641	Legal and Ethical Issues for Healthcare Providers.....	3
	MAN	2021	Principles of Management.....	3
	MAN	2300	Introduction to Human Resource Management.....	3

**REQUIRED TOTAL CREDIT HOURS** **60**

Note: All classes are available online. HSC 2930 capstone will have a required number of internship hours to complete based on credit hour requirements.

+Prerequisite course required. See course descriptions in catalog.

\*Refer to A.A. degree general education requirements.

*This program prepares students to be medical secretaries. This program provides supplemental training for persons desiring employment in this occupation.*

*This program is an intermediate step toward an Associate in Science degree in Office Administration - Medical Office.*

**For additional information check our website at [SJRstate.edu](http://SJRstate.edu) under Workforce Education or call 904-808-7465.**

**CERTIFICATE SPECIFIC COURSES:**

	CGS	1100	Microcomputer Applications Software.....	3
+	CGS	1515	Spreadsheet Concepts for Business.....	3
	GEB	1011	Introduction to Business.....	3
+	GEB	2214	Business Communications.....	3
	FIN	1100	Personal Finance.....	3
+	HSA	1255	Office Management in Health Sciences Professions.....	3
	HSC	1000	Introduction to Health Care Delivery System.....	3
	HSC	1531	Medical Terminology.....	3
	HSC	1641	Legal and Ethical Issues for Healthcare Providers.....	3

**ELECTIVES (CHOOSE 7 CREDIT HOURS):**

	BSC	2085	Human Anatomy & Physiology I.....	3
	BSC	2085L	Human Anatomy & Physiology I Lab.....	1
+	HIM	2432	Concepts of Disease.....	3
+	HSC	2930	Special Topics-Capstone.....	3

**REQUIRED TOTAL CREDIT HOURS 34**

+Prerequisite course required. See course description in catalog.

Gainful employment information regarding the cost, careers, completion and placement rates associated with this program may be found at [SJRstate.edu/geprograms.html](http://SJRstate.edu/geprograms.html).



# OFFICE SPECIALIST (0453) MEDICAL OFFICE SPECIALIST

COLLEGE CREDIT CERTIFICATE

*This program prepares students for employment in the medical industry in positions such as administrative assistant, form processor, general/medical office assistant, medical posting clerk, and medical receptionist. This program is also designed to provide supplemental training for persons previously or currently employed in these occupations.*

*This program is an intermediate step toward an Associate in Science degree in Office Administration - Medical Office.*

For additional information check our website at [SJRstate.edu](http://SJRstate.edu) under Workforce Education or call 904-808-7465.

## **CERTIFICATE SPECIFIC COURSES:**

	CGS	1100	Microcomputer Applications Software.....	3
+	CGS	1515	Spreadsheet Concepts for Business.....	3
	GEB	1011	Introduction to Business.....	3
	GEB	2214	Business Communications.....	3
	HSA	1255	Office Management in Health Sciences Professions.....	3
	HSC	1531	Medical Terminology.....	3

**REQUIRED TOTAL CREDIT HOURS** **18**

+Prerequisite course required. See course description in catalog.



# OFFICE SUPPORT (0463) MEDICAL OFFICE SUPPORT

COLLEGE CREDIT CERTIFICATE

*This program prepares students for employment in the medical industry in entry level positions such as assistant office manager, office assistant, information clerk, receptionist, staff assistant and support clerk. This program is also designed to provide supplemental training for persons previously or currently employed in these occupations.*

*This program is an intermediate step toward an Associate in Science degree in Office Specialist-Medical Office Specialist.*

For additional information check our website at [SJRstate.edu](http://SJRstate.edu) under Workforce Education or call 904-808-7465.

## **CERTIFICATE SPECIFIC COURSES:**

	CGS	1100	Microcomputer Applications Software.....	3
+	CGS	1515	Spreadsheet Concepts for Business.....	3
	GEB	1011	Introduction to Business.....	3
	HSC	1531	Medical Terminology.....	3

**REQUIRED TOTAL CREDIT HOURS** **12**

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+Prerequisite course required. See course description in catalog.



The Associate in Science degree in Radiologic Technology prepares students for careers as radiologic technologists. Graduates will be eligible to apply for and take the national certification examination in radiography administered by the American Registry of Radiologic Technologists. ARRT certification is recognized throughout the country. Some states also require state licensure. Successful completion of the ARRT examination allows students to become licensed by the State of Florida to practice radiography in the state. Florida state licensure does not require additional testing or education. The radiography curriculum is intended to provide qualified students with the educational experiences and practical skills required to function competently in the field of radiologic technology as an entry-level radiologic technologist.

The program core courses are delivered over a 20-month period covering 5 consecutive college terms. The overall curriculum includes general education courses, program-related courses, radiologic technology core courses, and practical experience gained at regional hospitals, imaging centers, and clinics.

All clinical education courses will be scheduled at various clinical sites located in the tri-county service area or adjacent counties. Students must earn a minimum "C" grade in each of the required courses to continue the program.

For additional information check our website at [SJRstate.edu](http://SJRstate.edu) under Workforce Education or call 904-808-7465.

## PROGRAM MISSION STATEMENT

The Radiography curriculum is intended to provide qualified students with the educational experiences and practical skills required to function competently in the field of Radiologic Technology as an entry-level radiographer. In addition, the program will be conducted in a manner which will motivate students to become patient advocates in their field and to perform their duties with consideration, empathy, and respect toward all patients in all circumstances.

**Note that students who are only taking prerequisites for admission into the program and who are not pursuing other degree programs are not considered regular, admitted students and are therefore not eligible for either federal or state forms of financial aid.**

Applicants may apply: April 1 - May 15 for fall enrollment

## ADMISSION REQUIREMENTS

The Radiologic Technology program begins in August of each year.

To apply for admission to the Radiologic Technology program, a student must have completed all of the following prior to the program application deadline in May of each year:

1. Application process to SJR State;
2. Achieve satisfactory scores on college placement tests or have completed required college preparatory courses;
3. Application to SJR State Radiologic Technology program;
4. Successful completion (C minimum) of the following prerequisite courses prior to the program application deadline in May of each year:
 

	BSC 2085	Human Anatomy and Physiology I.....	3
	BSC 2085L	Human Anatomy and Physiology I Lab .....	1
+	BSC 2086	Human Anatomy and Physiology II.....	3
	BSC 2086L	Human Anatomy and Physiology II Lab .....	1
	CGS 1100	Microcomputer Applications .....	3
	ENC 1101	Composition I.....	3
	HSC 1531	Medical Terminology.....	3
+	* _____	General Education Humanities.....	3
	* _____	General Education Mathematics.....	3
	* _____	General Education Social Science.....	3

\*Refer to A.A. degree general education requirements



**STUDENT SELECTION**

The student selection process is based on the following point system: (MAXIMUM POSSIBLE POINTS 176)

1. **104 POSSIBLE POINTS** – Points tabulated from the prerequisite courses identified in the admission requirements will contribute to the total points assigned to this category. A total of 26 semester hours of credit are available for point consideration. The method of point calculation for this category is based on the following formula:  
 (Letter grade value X credit hours = points assigned)  
 Calculation example: student achieves a letter grade (B) in BSC 2805 (3 credits) = 9 points and a letter grade (A) in BSC 2085L (1 credit) = 4 points for a total of 13 points  
 A=4 points                      B=3 points                      C=2 points
2. **15 POINTS AWARDED** – Points awarded for proof of residence in Clay, Putnam, or St. Johns counties, Florida. Residency is not a requirement.
3. **20 POINTS AWARDED** – Current licensure as a State of Florida basic X-ray machine operator.
4. **15 POSSIBLE POINTS AWARDED** – 5 points will be awarded if applicant has an A.A./A.S. degree; 10 points will be awarded if applicant has a BA/BS degree; 15 points will be awarded if applicant has a MA/MS degree.
5. **16 POSSIBLE POINTS AWARDED** – 2 points will be awarded for each prerequisite course taken at St. Johns River State College (excluding lab courses).
6. **6 POSSIBLE POINTS AWARDED** – 6 points will be awarded for an “A”, 4 points for a “B”, 2 points for a “C” in HSC 1004 Professions of Caring (not required but recommended).

In case two or more students are tied in points for the last available position, admission will be awarded to the student with the earliest date and time the application was received from the applicants with the tied score.

**FOLLOWING ACCEPTANCE INTO THE PROGRAM APPLICANTS MUST:**

1. Successfully complete a Basic Life Support Health Care Provider (BLS) course accredited by the American Heart Association valid through expected graduation date. A course will be given at the St. Augustine campus during Summer term.
2. Have a physical examination verifying acceptable health status for the program. Requirements for the physical are included on the form provided to each student admitted into the radiologic technology program.
3. Attend the radiologic technology program and clinical site orientations and clinical shadowing requirements on the specified dates. These are scheduled during the summer term.
4. All students are asked to sign a consent and waiver for SJR State to perform a criminal background check and receive drug screen results. Failure to provide this consent will render the applicant ineligible for admission to the program. Admission to the program is conditional upon the results of the criminal background check and drug screen results. Additional random and scheduled drug screening may be required at any time during the program.

NOTE: An individual who has been involved in a criminal proceeding or who has been charged with, or convicted of, a crime should file a pre-application with the American Registry of Radiologic Technologists (ARRT) in order to obtain a ruling on the impact of the situation on their eligibility for certification and registration. Go to [www.arrt.org](http://www.arrt.org) for more information.

**GENERAL EDUCATION COURSES:**

	BSC	2085	Human Anatomy and Physiology I.....	3
	BSC	2085L	Human Anatomy and Physiology I Lab .....	1
+	BSC	2086	Human Anatomy and Physiology II.....	3
	BSC	2086L	Human Anatomy and Physiology II Lab .....	1
	ENC	1101	Composition I.....	3
*	_____	_____	General Education Humanities.....	3
*	_____	_____	General Education Mathematics.....	3
*	_____	_____	General Education Social Science.....	3

**RADIOLOGIC TECHNOLOGY RELATED COURSES:**

	CGS	1100	Microcomputer Applications Software.....	3
	HSC	1531	Medical Terminology.....	3

# RADIOLOGIC TECHNOLOGY (2155/2156) CONTINUED

ASSOCIATE IN SCIENCE DEGREE

**RADIOLOGIC TECHNOLOGY CORE COURSES:**

	RTE	1000C	Introduction to Patient Care in Radiologic Sciences.....	3
	RTE	1418C	Radiologic Science .....	4
+	RTE	1385	Radiobiology and Radiation Protection .....	3
	RTE	1503C	Radiographic Positioning I .....	5
+	RTE	1513C	Radiographic Positioning II .....	5
+	RTE	1804	Clinical Education I.....	1
+	RTE	1814	Clinical Education II.....	3
+	RTE	1824	Clinical Education III .....	5
+	RTE	2061	Radiologic Science Seminar.....	5
+	RTE	2573C	Special Imaging Modalities.....	3
+	RTE	2613	Radiologic Physics.....	3
+	RTE	2782C	Radiographic Pathology.....	3
+	RTE	2844	Clinical Education IV .....	4
+	RTE	2854	Clinical Education V .....	4

**TOTAL REQUIRED CREDITS** **77**

+ Prerequisite course required. See course description in catalog.

\* Refer to A.A. degree general education requisites.

Radiologic Technology core courses are selective access and can only be taken after admission to the program.

The St. Johns River State College Radiologic Technology program is accredited by the:

Joint Review Committee on Education in Radiologic Technology

20 North Wacker Drive, Suite 2850

Chicago, Illinois, 60606-3182

(312) 704-5300

E-mail: mail@jrcert.org



The two-year Associate in Science degree in Respiratory Care prepares students for a career as a respiratory care professional. Upon successful completion of the 20 month curriculum, the student will be eligible to apply to take the national certification exams for Certified Respiratory Therapist (CRT) and Registered Respiratory Therapist (RRT), both administered by the National Board of Respiratory Care.

For additional information check our website at [SJRstate.edu](http://SJRstate.edu) under Workforce Education or call 904-808-7465.

## PROGRAM MISSION STATEMENT

The mission of the respiratory care program at St. Johns River State College is to provide an educational experience which will allow individuals the opportunity to obtain the knowledge, skills, and attitudes necessary to function at the entry and advanced levels of Respiratory Care.

## PROGRAM GOAL

To prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains of respiratory care practice as performed by Registered Respiratory Therapists (RRTs).

The purpose of the program is to provide students with the knowledge, attitude, and skills required to help meet the growing demands for respiratory therapists in the health care industry. Students will be trained in the skills needed to work in areas such as pediatric care, nursing homes and hospitals. Asthma, bronchitis, emphysema, lung cancer and pneumonia are some of the conditions that require the care of a respiratory therapist.

The program consists of 76 semester hours of general education and respiratory care core courses.

**Note that students who are only taking prerequisites for admission into the program and who are not pursuing other degree programs are not considered regular, admitted students and are therefore not eligible for either federal or state forms of financial aid.**

Applicants may apply: August 1 - September 15 for spring enrollment

The Respiratory Care core courses will be offered on the St. Augustine campus with selected clinical experiences in health care facilities within and around the tri-county service area of SJR State. A student must earn a grade of "C" or above in all courses required in the program.

## ADMISSION REQUIREMENTS

The Respiratory Care program is a limited access program.

To apply for admission to the Respiratory Care program, a student must have completed all of the following:

1. Application process to SJR State;
2. Application to respiratory care program by the advertised deadline;
3. Achieved satisfactory scores on college placement tests or have completed all college preparatory courses;
4. Schedule and attend an interview with the respiratory care faculty;
5. Complete the following prerequisite courses prior to the program application deadline:
 

ENC	1101	Composition I
BSC	2085 & 2085L	Human Anatomy and Physiology I and Lab
BSC	2086 & 2086L	Human Anatomy and Physiology II and Lab
CGS	1100	Microcomputer Applications
		General Education Mathematics
MCB	2010 & 2010L	Microbiology and Lab
		General Education Social Science
		General Education Humanities

## STUDENT SELECTION

Student selection is objective and based on the following point system (MAXIMUM POSSIBLE POINTS 160):

1. **108 POSSIBLE POINTS AWARDED** - Points tabulated from the prerequisite and other general education courses identified in the degree requirements will contribute to the total points assigned to this category. A total of 27 semester hours of credit are available for point consideration. The method of point calculation for this category is based on the following formula: (Letter grade value X credits = points assigned) Calculation example: student achieves a letter grade (B) in ENC 1101  
 X (3 credits) = 9 points      A=4 points      B=3 points      C=2 points
2. **15 POINTS AWARDED** - Residence in Clay, Putnam, or St. Johns counties, Florida
3. **15 POSSIBLE POINTS AWARDED** - 5 points will be awarded if applicant has an A.A./A.S. degree; 10 points will be awarded if applicant has a BA/BS degree; 15 points will be awarded if applicant has a MA/MS degree.
4. **16 POSSIBLE POINTS AWARDED** - 2 points will be awarded for each prerequisite course (Maximum 10 points) and other required general education courses (Maximum 6 points) taken at St. Johns River State College. Note: lab courses are not included in this point total.
5. **6 POSSIBLE POINTS AWARDED** - Completion of HSC 1004 with a grade of "C" or better. Points will be awarded according to the following scale: A=6, B=4, C=2

**POST ADMISSION REQUIREMENTS:**

Following acceptance into the Respiratory Care program students must complete/attend the following. Failure to comply with these requirements may result in administrative withdrawal from the respiratory care program.

1. All students are asked to sign a consent and waiver form for SJR State to perform a criminal background check and drug screen. Failure to provide this consent will render the applicant ineligible for admission to the program. Admission to the program is conditional upon the results of the criminal background check and drug screen. Additional random and scheduled drug screening may be required at any time during the program.
2. Have a physical examination verifying acceptable health status and completing all of the requirements for the respiratory care program. The medical requirements for the physical exam are documented on the form provided to each student after admission to the respiratory care program.
3. Attend respiratory care orientation on the specified date.
4. Schedule and attend an interview with program faculty and/or director.

**GENERAL EDUCATION COURSES:**

+	BSC	2085	Anatomy and Physiology I.....	3
+	BSC	2085L	Anatomy and Physiology I Lab .....	1
+	ENC	1101	Composition I.....	3
+	MCB	2010	Microbiology.....	3
+	MCB	2010L	Microbiology Lab.....	1
*	_____	_____	General Education Social Science.....	3
*	_____	_____	General Education Humanities.....	3

**RESPIRATORY CARE RELATED COURSES:**

+	BSC	2086	Anatomy and Physiology II .....	4
+	BSC	2086L	Anatomy and Physiology II Lab .....	1
	CGS	1100	Microcomputer Applications .....	3
*	_____	_____	General Education Mathematics.....	3

**RESPIRATORY CARE CORE COURSES:**

	RET	1024C	Fundamentals of Respiratory Care I.....	4
+	RET	1027C	Respiratory Therapeutics and Diagnostics .....	4
+	RET	1264C	Introduction to Respiratory Critical Care .....	3
	RET	1284C	Cardiac Diagnostics .....	3
	RET	1350C	Cardiopulmonary Pharmacology .....	3
	RET	1485C	Cardiopulmonary Anatomy and Physiology.....	3
	RET	1874L	Clinical Education I.....	1
+	RET	1875L	Clinical Education II.....	3
+	RET	2280C	Advanced Respiratory Critical Care.....	4
+	RET	2418C	Advanced Diagnostics and Therapeutics.....	3
+	RET	2601C	Cardiopulmonary Pathophysiology.....	3
+	RET	2714C	Pediatric and Neonatal Respiratory Care .....	3
+	RET	2876	Clinical Education III .....	3
+	RET	2877	Clinical Education IV .....	3
+	RET	2878L	Clinical Education V .....	3
+	RET	2930C	Respiratory Care Seminar .....	3

**REQUIRED TOTAL CREDIT HOURS** **76**

NOTE: Any person having been arrested or convicted of any offense other than a minor traffic violation should contact the Department of Health, Board of Respiratory Care, 4052 Bald Cypress Way, Bin C05, Tallahassee, FL 32399-3255 to determine eligibility of state licensure.

The A.S. degree Respiratory Care program at St. Johns River State College, located in St. Augustine, FL, program number 200539, is accredited by the Commission on Accreditation for Respiratory Care ([www.coarc.com](http://www.coarc.com)).

**Commission on Accreditation for Respiratory Care**

1248 Harwood Road  
Bedford, Texas 706021-4244  
(817) 283-2835

+Prerequisite course required. See course description in catalog.

\* Refer to A.A. degree general education requirements.

**Respiratory Care Agencies and Societies:**

**Accreditation by CoARC**

Commission on Accreditation for Respiratory Care <http://coarc.com/>  
1248 Harwood Rd.  
Bedford, TX 76021

**AARC Professional Association, sets current clinical practice guidelines (CPGs)**

American Association for Respiratory Care <http://aarc.org/>  
9425 N MacArthur Blvd. Suite 100  
Irving, TX 75063

**Florida Society for Respiratory Care <http://fsrc.org/>**

Therapists credentialed by NBRC  
National Board for Respiratory Care <http://www.nbrc.org/default.html>  
18000 W 105th St.  
Olathe, KS 66061