


**Career Cluster:** Health Science

**CTE Program: Flagler Hospital Academy of Medical & Health Careers- Electrocardiograph Aide strand**  
**Secondary: Pedro Menendez High School, St. Johns County School District:** Electrocardiograph Aide (8417160)  
**Postsecondary: First Coast Technical College:** Medical Assisting (H170515), Practical Nursing (H170607), Paramedic (W170211), Emergency Medical Technician (W170213),  
**St. Johns River State College:** Postsecondary: Nursing (1351380100), Emergency Medical Services (1351090402), Emergency Medical Technician (0351090415), Radiography (1351090700), Respiratory Care (1351090800), Medical Office Administration (1552020404)

**Career Cluster Pathway:** Therapeutic Services Career Path

**Industry Certification: Secondary:** EKG Technician (NATHA002)  
**Postsecondary:**  
**First Coast Technical College:** Medical Assistant (NCFCT005), EKG Technician (NATHA002), Certified Phlebotomy Technician (NATHA007), Emergency Medical Technician (NREMT001), Licensed Practical Nurse (NCSBN002), Paramedic (FDMQA014)  
**St. Johns River State College:** Patient Care Technician (NATHA006), Medical Assistant (AMAMA001), Licensed Practical Nurse (NCSBN002), Registered Nurse (NCSBN001), Respiratory Therapist Certified (NBFRC001) and Registered (NBFRC002), Radiologic Technologist (AMRRT002), Registered Health Information Technician (AHIMA009), Paramedic (FDMQA014), Emergency Medical Technician (NREMT001)

	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	

<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://mycareershines.org">mycareershines.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English 1	Algebra I	Physical Science	AP Human Geography	HOPE – Health Opportunities through Physical Education	Health Science Anatomy & Physiology-8417100	Digital Information Technology
	<b>10<sup>th</sup></b>	English 2	Geometry	Biology	World History Honors/ DE World Civ	World Language 1	Health Science Foundations - 8417110	Elective
	<b>11<sup>th</sup></b>	English 3	Math	Chemistry	American History/ DE US History	World Language 2	Allied Health Assisting 3- 8417131	Professions of Caring HSC 1004/ Medical Terminology HSC 1531
	<b>12<sup>th</sup></b>	English 4/DE Comp I	Math/ College Algebra	Science/BSC 2085/2085L Anatomy & Physiology with Lab	American Government .5 + Economics .5 DE Macro/Micro Econ & DE US Fed Gov't	Psychology/DE PSY 2012	Electrocardiograph Aide- 8417161	Human Nutrition HUN 1201/ Humanities HUM 2210

<b>POSTSECONDARY</b>	<b>Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.</b>		
	TECHNICAL CENTER PROGRAM(S)	COMMUNITY COLLEGE PROGRAM(S)	UNIVERSITY PROGRAM(S)
	<b>First Coast Technical College, St. Augustine:</b> Home Health Aide Nursing Assistant (Articulated); Nursing Assistant (Long-Term Care); Nursing Assistant/Aide and Patient Care Assistant/Aide; Practical Nursing, Phlebotomy Technician/Phlebotomist, Dental Assisting/Assistant	<b>St. Johns River State College, St. Augustine:</b> A.S. Radiologic Technology, Respiratory Care, Phlebotomist, Nursing Assistant, Emergency Medical Responder, Health Services Management, Medical Office Manager, Health Information Technology	<b>University of North Florida, Jacksonville –</b> Health Sciences, Nursing, Community Health; Health Administration; Health and Medical Administrative Services, Health Professions and Related Clinical Sciences, Health Services; Health/Health Care Administration/Management <b>St. Johns River State College, St. Augustine:</b> B.S. Registered Nursing, Health Administration

<b>Sample Career Specialties – Careers from the Targeted Occupations List are in bold.</b>			
<b>CAREER</b>	Home Health Nursing Asst., Patient Care Asst., Practical Nursing, Phlebotomy Technician, Dental Asst.	Emergency Medical Technician, Paramedic, Registered Health Information Technician, Radiologic Technologist, Registered Nurse, Respiratory Therapist, Medical Office Secretary, Medical Office Manager Health Services Manager	Health Services Administrator, Dietician, Nutritionist Registered Nurse, Health and Fitness Specialist Clinical Exercise Specialist, Strength and Conditioning Specialist, Athletic Trainer, Health Care Researcher Public Health Worker
	<b>Articulation and CTE Dual Enrollment Opportunities</b>		
<b>CREDIT</b>	<b>Secondary to Technical Center (PSAV)</b> (Minimum # of clock hours awarded)	<b>Secondary to College Credit Certificate or Degree</b> (Minimum # of clock or credit hours awarded)	<b>PSAV/PSV to AAS or AS/BS/BAS</b>
	Certified Nursing Assistant (120) Patient Care Technician (EKG) (315) Medical Assistant (CMA) (90) Licensed Practical Nurse (LPN) (165) EMT/Paramedic (90)	<b>St. Johns River State College</b> - Office Administration – Medical (3 credits for CMAA) Recommended dual enrollment credit for Associate in Science degrees. Courses most relevant: ENC1101, PSY2012, MAC1105, BSC2085, BSC2085L, BSC2086, BSC2086L, CGS1100 (Allied Health only), HSC1531 (Allied Health only), HSC 1004 (Health Management only) DEP 2004 (Nursing only). All courses meet A.A. degree requirements. Courses listed may count toward one or more programs. Please refer to our Career Pathways for further information to ensure courses will meet your degree graduation requirements: <a href="http://www.sjrstate.edu/workforce/careerpathways_health.html">http://www.sjrstate.edu/workforce/careerpathways_health.html</a>	Emergency Medical Services (11 credits for EMT; 42 credits for Paramedic) Nursing (10 credits for LPN) Organizational Management – Health Administration BAS (Credit awarded for accredited A.S. degree in health area) Bachelor of Science in Nursing (Credit awarded for accredited ASN program with registered nursing license)
<b>Career and Technical Student Association</b>			
HOSA – Health Occupations Students of America			
<b>Internship/Work Experience Recommendations</b>			
Career Academy students may apply for summer internships after their junior year. Sample internships: Nursing Asst., Radiology Asst., Physical Therapy Asst., Health Administration Asst., Veterinarian Asst.			
Program of Study Graduation Requirements: <a href="http://www.fldoe.org/academics/graduation-requirements">http://www.fldoe.org/academics/graduation-requirements</a>			