


**Career Cluster:** Health Science (STEM)

**CTE Program: Secondary: Flagler Hospital Academy of Medical & Health Careers - Allied Health Assisting (8417130)**  
**Pedro Menendez High School, St. Johns County School District**  
**Postsecondary: First Coast Technical College:** Medical Assisting (H170515), Practical Nursing (H170607), Paramedic (W170211), Emergency Medical Technician (W170213), Dental Assisting (H170106), Home Health Aide (H170604)  
**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)  
**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:** Postsecondary: 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, English Honors 1	Algebra 1 or Geometry or Honors	Physical Science	HOPE – Health Opportunities through Physical Education	HOPE – Health Opportunities through Physical Education	Health Science Anatomy & Physiology-8417100	Digital Information Technology
	<b>10<sup>th</sup></b>	English 1, English Honors 1	Algebra 2 or Geometry or Honors	Biology	World History/World History Honors	World Language 1	Health Science Foundations - 8417110	Elective
	<b>11<sup>th</sup></b>	English 1, English Honors 1	Algebra 2, Pre-Calculus	Chemistry	American History/ DE US History 1 & 2(AMH2010 & 2020)	World Language 2	Allied Health Assisting 3-8417131 / Electrocardiograph Technician 3 (8417161)	Professions of Caring (HSC 1004) Medical Terminology (HSC 1531)
	<b>12<sup>th</sup></b>	English 1, English Honors 1	Math/ DE College Algebra (MAC1105)	DE Anatomy & Physiology with Lab (BSC 2085/2085L)	American Government .5 + Economics .5 DE Macro/Micro Econ & DE National Gov't (POS1041)	Psychology/DE Psychology (PSY 2012)	Dental Assisting H170106 Medical Assisting NCFCT005 Emergency Medical Tech NREMT001	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)	STATE COLLEGE PROGRAM(S)	UNIVERSITY PROGRAM(S)
	First Coast Technical College, St. Augustine Home Health Aide Nursing Assistant (Articulated), Medical Assisting, Practical Nursing, Emergency Medical Technician, Paramedic (PSAV/clock hour programs)	St. Johns River State College, St. Augustine:  CCC and/or PSAV/clock hour programs: Patient Care Technician, Medical Assistant, Licensed Practical Nurse, Registered Nurse, Respiratory Therapist, Radiologic Technologist, Registered Health Information Technician, Paramedic, Emergency Medical Technician  A.S. - Radiologic Technology, Respiratory Therapist, Health Services Management, Health Information Technology, Emergency Medical Services, Nursing, Medical Office Management	University of North Florida, Brooks College of Health, Jacksonville, B.S. degrees – Health Sciences, Nursing, Community Health; Health Administration, Health Administration Management, Athletic Training, Exercise Science, Nutrition and Dietetics, Pre-Medical Physics  St. Johns River State College, St. Augustine:

			B.S. - Nursing, Organizational Management in Health Administration
<b>CAREER</b>	<b>Sample Career Specialties – Careers from the Targeted Occupations List are in bold.</b>		
	<b>Home Health Nursing Asst., Medical Assistant, Licensed Practical Nurse., Paramedic, Emergency Medical Technician, Phlebotomy Technician</b>	Registered Health Information Technician, <b>Radiologic Technologist, Respiratory Therapist</b> , Medical Office Secretary, Medical Office Manager, Health Services Manager	Health Services Administrator, <b>Dietician, Nutritionist Registered Nurse</b> , Health and Fitness Specialist Clinical Exercise Specialist, , Athletic Trainer, Health Care Researcher, Public Health Worker, Hospital Administrator
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</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>
	<b>First Coast Technical Center</b>  Students completing the secondary Health Sciences Core (Health Science Anatomy and Physiology and Health Science Foundations), can receive 90 credit hours toward the Medical Assisting Program. Students earning the EKG Technician certification can receive 75 hrs. toward the Medical Assisting program.	<b>St. Johns River State College -</b>  Recommended dual enrollment courses that meet requirements in Health-related Associate in Science degrees for Allied Health Assisting secondary students: CGS1100 Microcomputer Applications, HSC1531 Medical Terminology, and Human Nutrition HUN 1201.  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>	<b>St. Johns River State College</b>  11 credits for EMT CCC or 42 credits for Paramedic CCC toward the Emergency Medical Services (AS) program 10 credits toward Nursing for LPN certification All credits awarded for accredited A.S. degree in health area can go toward the Organizational Management – Health Administration BAS program All credits awarded for accredited ASN program with registered nursing license can go toward the Bachelor of Science in Nursing program
<b>Career and Technical Student Association</b>			
HOSA – Future Health Professionals			
<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>			