


Career Cluster: Health Science		CTE Program: Practical Nursing (Postsecondary); Allied Health Assisting (Secondary)						
Career Cluster Pathway: Therapeutic Services		Industry Certifications: Secondary: EKG Technician (NATHA002), Certified Nursing Assistant (FDMQA002) Postsecondary: Patient Care Technician (NATHA006), Licensed Practical Nurse (NCSBN002).						
	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)	
HIGH SCHOOL	<ul style="list-style-type: none"> • Students are encouraged to begin planning for careers and postsecondary options by exploring resources at mycareershines.org. • 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. • 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 							
	9th	English I or English Honors I	Algebra I or Geometry or Honors	Physical Science or Biology	World Geography, AP Human Geography or Elective	Physical Education (1credit) (Not required for ACCEL Program)	Health Science Anatomy and Physiology or Honors	Foreign Language for SUS admission or other elective appropriate for student's career and education plan.
	10th	English II or English Honors II	Algebra II or Geometry or Honors	Biology or Biology Honors, Physical Science, or Physics	World History or Honors	Global Elective, Introduction to IT, Practical or Fine Arts (1 credit)	Health Science Anatomy and Physiology or Honors or Foundations	Foreign Language for SUS admission or other elective appropriate for student's career and education plan.
	11th	English III or English Honors III	Algebra II, Pre-Calculus or Advanced Topics in Math	Anatomy and Physiology or Chemistry, or Honors or AP	American History or Honors	Practical Arts or Fine Arts course (1 credit)	Health Science Foundations or Allied Health Assisting 3	Other elective or dual enrollment course or appropriate for student's career and education plan
	12th	English IV, English Honors IV, AP or ENC1101	Algebra II, Pre-Calculus, Advanced Topics in Math, AP or MAC1105 or STA2023	Additional Science or BSC2085/2085L or AP	American Government, Economics, Honors or Dual Enrollment	Dual Enrollment PSY2012	Students Select Based on Offerings: EKG 3, CNA Emergency Medical/ First Responder, Health Unit Coordinator	Dual enrollment at SJRSC in the following courses: Professions of Caring HSC 1004 Medical Terminology HSC 1531
POSTSEC ONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL CENTER PROGRAM(S)	COMMUNITY COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)			

	First Coast Technical College (FCTC) Vocational certificates: Certified Nursing Assistant Patient Care Technician Practical Nursing	St. Johns River State College (SJRSC) Nursing, Associate in Science degree (ASN) and LPN Bridge to ASN Nursing, Bachelor of Science degree (BSN)	University of North Florida Brooks College of Health Bachelor's degrees: Community Health Health Administration Health Science Nursing Pre-Medical Physics
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)		
	Patient Care Technician Certified Medical Assistant Licensed Practical Nurse	Registered Health Information Technician Registered Nurse Health Services Manager	Registered Nurse Home Health Nurse Community Health Nurse Public Health Worker Health Services Administrator
CREDIT	Articulation and CTE Dual Enrollment Opportunities		
	Secondary to Technical Center (PSAV) (Minimum # of clock hours awarded)	Secondary to College Credit Certificate or Degree (Minimum # of clock or credit hours awarded)	PSAV/PSV to AAS or AS/BS/BAS (Statewide and other local agreements may be included here)
	First Coast Technical College Secondary students completing the Health Science Foundations secondary course can receive 90 clock hours applicable to the following postsecondary programs: <ul style="list-style-type: none"> •Certified Nursing Assistant •Patient Care Technician •Licensed Practical Nurse 	St. Johns River State College Secondary students completing these dual enrollment courses earn 3 credit hours at the college towards Nursing (AS) program: <ul style="list-style-type: none"> •Professions of Caring HSC 1004 •Medical Terminology HSC 1531 Please refer to our Career Pathways: http://www.sjstate.edu/workforce/careerpathways_health.html	FLDOE Statewide Articulation Agreement Licensed Practical Nurse certification articulates 10 hours of credit toward the Nursing (AS) R.N. degree program. http://www.fldoe.org/core/fileparse.php/7525/urlt/fdmqa017-nursingassociatedegree.pdf
Career and Technical Student Association			
HOSA – Health Occupations Students Association			
Internship/Work Experience Recommendations			
Practical experiences are provided in medical, clinical, hospital and nursing home settings and for some programs in simulation in the classroom. Students coordinate community service activities such as blood drives and food drives.			
Program of Study Graduation Requirements: http://www.fldoe.org/academics/graduation-requirements			