


Career Cluster: Health Science				CTE Program: Emergency Medical Responder 8417170				
Career Cluster Pathway: Therapeutic Services Career Path				Industry Certification: IEMSR001 Emergency Medical Responder				
	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 use fchoices.org to explore careers and postsecondary options. 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 1 or higher	Algebra 1 or higher	Earth Space Science or Agriscience Foundations	Elective: Intro to Information Tech (on-line)	Physical Education (1credit) (Not required for ACCEL Program)	Medical Skills and Services	
	10th	English 2 or higher	Geometry or higher	Biology	World History	Practical Arts or Fine Arts course (1 credit)	Health Science Anatomy and Physiology	
	11th	English 3 or higher	Algebra II or higher	Chemistry	American History	Elective	Health Science Foundations	Other elective course appropriate for student's career and education plan.
	12th	English 4 or higher	Pre-Calculus or Higher	Elective	American Gov't & Economics	Elective or Dual Enrollment	First Responder 3	Other elective course appropriate for student's career and education plan.
POSTSECONDARY	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 or STATE COLLEGE PROGRAM(S)				UNIVERSITY PROGRAM(S)	
			College of Central Florida: Health Information Technology A.S. Dental Assisting A.S./ Certificate Physical Therapy Assistant A.S. Nursing A.S.				B.S. Registered Nurse, B.S. Respiratory Therapy, B.S. Social Worker, B.S. Occupational Therapy, B.S. Pharmacology	
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Certified Nursing Assistant, Radiologic Technologist, Medical Lab Assistant, Basic Healthcare Worker, Medical Office Receptionist, Phlebotomist MA, EKG Aide MA, Medical Assistant		Radiologic Technician, Respiratory Therapist, Cardiovascular Invasive Specialist, Cardiac Sonographer, Vascular Technologist				Registered Nurse, Nurse Practitioner, Radiologist Assistant, Pharmacy Technician, Respiratory Therapist, Dental Hygienist, Paramedic	

Articulation and CTE Dual Enrollment Opportunities				
CREDIT	Secondary to Technical Center (PSAV)	Secondary to College Credit Certificate or Degree (Minimum # of clock or credit hours awarded)		PSAV/PSV to AAS or AS/BS/BAS
			Secondary Courses/Certifications Digital Information Technology 8207310 8417100 Health Science Anatomy and Physiology 8417110 Health Science Foundations 84171171 Emergency Medical Responder 3 2000350 Anatomy and Physiology OR 2000360 Anatomy and Physiology Honors OR The approved equivalent of Anatomy and Physiology	College of Central Florida/Santa Fe College OST1000 Introduction to Word PHT 2432 Medical Terminology for the Physical Therapy Assistant (3 credits) DEP2004 Human Growth & Development (3 credits) HSC 2531 Medical Terminology (3 credits) BSC 1080 Basic Anatomy & Physiology (3 credits)
Career and Technical Student Association: HOSA				
HOSA				
Internship/Work Experience Recommendations:				
Local hospitals, medical practices, radiologic offices, dentists, therapy centers.				
Program of Study Graduation Requirements: http://www.fldoe.org/academics/graduation-requirements/index.stml				