



Career Cluster: Health Science					CTE Program: 8417000 Health and Wellness 3/ Exercise Science Postsecondary Program: AS 1351080601 Physical Therapy Assistant			
Career Cluster Pathway: Therapeutic Services					Industry Certification(s): Certified Medical Administrative Assistant Postsecondary Industry Certification(s): Certified Personal Trainer			
	17 1/2 REQUIRED CORE CREDITS					8 1/2 ADDITIONAL CREDITS		
	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	Additional Required Credits	8.5 Electives, Including CTE sequential Program of Study and recommended electives * Signifies CTE course meets Performing Arts graduation credit requirement		
	4 credits	4 credits	3 or 4 credits, 2 w/ lab	3 or 4 credits	HOPE, Performing Arts, and CRDM			
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 26 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 26 credit program. 							
	9	English Honors 1	Geometry 1 Honors	Biology 1 Honors or Integrated Science 1 Honors	World History Honors	Elective (Computing for College and Careers or First Aide)	Elective (Digital Information Technology)	Elective (Foreign Language)
	10	English Honors 2	Algebra 2 Honors	Chemistry 1 Honors or Integrated Science 2 Honors	AP United States History or American History Honors	HOPE	Health Science Anatomy and Physiology	Elective (Foreign Language OR First Aid & Safety/Care and Prevention of Athletic Injuries)
	11	AP English Language & Comp or English Honors 3	PreCalc or Advance Math Topics	Physics 1 Honors or Integrated Science 3 Honors	American Government Honors/ AP Economics	Performing Fine Arts (Speech or DE Speech SPC2608/ DE Art History ARH1051)	Health Science Foundations	Elective (DE Microcomputer Applications CGS2100/DE Community Involvement SOW2054 OR Advanced Health Exploration/Fitness Lifestyle Design or Athletic Training/Leadership)
	12	AP English Lit & Comp or DE English Comp 1 ENC1101/DE Technical Writing ENC2210	AP Calculus, AP Statistics or DE College Algebra MAC 1105/DE Statistics STA 2023	AP Bio OR AP Chem OR DE General Biology BSCC 1010 OR Physics Honors	AP Psychology or DE Psychology PSY2012/ DE Sociology SYG2000 or Sociology/ Psychology 1 Honors or Sports Psychology	Anatomy & Physiology Honors / DE Human Anatomy & Physiology 1 BSCC 2093	Health and Wellness 3/ Exercise Science	Elective (Nutrition & Wellness/Principles of Food Preparation or Internship or Athletic Training/Leadership or Medical Office Technology)
POSTSECONDARY	Secondary career and technical education programs may lead to industry recognized certificates, occupational opportunities or postsecondary education options. Based on the Career Cluster of interest and identified CTE program, the following postsecondary options are available. The official college or university catalog must be used to determine course requirements in the major.							
	Local State College Programs: Eastern Florida State College					UNIVERSITY PROGRAM(S)		
	*Denotes certificates or degrees that may be available at other colleges but not at EFSC.					University of Central Florida		
	Medical Assistant, CCC			*Massage Therapy, AS		Athletic Training, BS E		
Patient Care Assistant, PSAV			Associate in Arts (AA) degrees are offered at all Florida Community Colleges and allow students to move on to complete a four-year degree.		Health Sciences, PreClinical Track, BS			
CAREER	Sample Career Specialties							
	Medical Assistant Medical Office Manager Coach/Athletic Director Physical Education Teacher Personal Trainer			Athletic Trainer Women's Health Specialist Liscensed Massage Therapist Fitness Instructor			Medical and Health Services Manager Athletic Trainer Physical Therapist Occupational Therapist	
CREDIT	Articulation and CTE Dual Enrollment Opportunities							
	Secondary to Technical Center (PSAV) (Minimum # of clock hours awarded per institution)			Secondary to College Credit Certificate or Degree (Minimum # of clock or credit hours awarded) Articulated credit to which courses and number of credits			PSAV/PSV to AAS or AS/BS/BAS (Statewide and other local agreements may be included here)	
							Keiser University: 3.0 cr for AA/BA Health Services Administration; 6 cr for AS Radiological Technology; 13.5 cr for AS Medical Assistant upon completion of the HS Health & Wellness program with a B or above.	
Career and Technical Student Association:								
Health Occupations Student Association (HOSA)								
Internship/Work Experience Recommendations:								

Health Science Education Cooperative - OJT (8400410)


Student Progression Plan, on Brevard Public Schools web site, containing graduation requirements:

<http://elementarypgms.sp.brevardschools.org/Home/Documents/Student%20Progression%20Plan.pdf>

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	11	AP English Language & Comp or English Honors 3	PreCalc or Advanced Math Topics or AP Statistics	Physics 1 Honors or Integrated Science 3 Honors	American Government/ Economics	Performing Fine Arts (Speech or DE Speech SPC 2600/ DE Art History ARH 1051)	Health Science Foundations	Elective (DE Microcomputer Applications CGS2100/DE Community Involvement SOW2054 OR Advanced Health Exploration/Fitness Lifestyle Design or Athletic Training/Leadership)
	12	AP English Lit & Comp or English Honors 4	AP Calculus AB	Anatomy and Physiology Honors	AP Psychology or Sociology/ Psychology 1 OR Sports Psychology	Anatomy & Physiology Honors / DE Human Anatomy & Physiology 1 BSCC 2093	Health and Wellness 3/ Exercise Science	Elective (Nutrition & Wellness/Principles of Food Preparation or Internship or Athletic Training/Leadership or Medical Office Technology)
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Patient Care Assistant, PSAV		Associate in Arts (AA) degrees are offered at all Florida Community Colleges and allow students to move on to complete a four-year degree.			Health Sciences, PreClinical Track, BS			
					Sports and Exercise Science, BS			
CAREER	Sample Career Specialties							
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	9	English 1	Algebra 1A	Integrated Science 1 Honors	World Cultures/Career Research & Decision Making	Elective (Computing for College and Careers or First Aide)	Elective (Digital Information Technology)	Elective (Intensive Reading)
	10	English 2	Algebra 1B	Integrated Science 2 Honors	World History	HOPE	Health Science Anatomy and Physiology	Elective (Intensive Reading)
	11	English 3	Geometry	Integrated Science 3 Honors	American History	Performing Fine Arts (Speech or DE Speech SPC 2608/ DE Art History ARH 1051)	Health Science Foundations	Elective (Intensive Reading)
	12	English 4	Algebra 2	Psychology 1 / Sociology	Government/Economics	Anatomy & Physiology Honors / DE Human Anatomy & Physiology 1 BSCC 2093	Health and Wellness 3/ Exercise Science	Elective (Intensive Reading)
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