


CTE Program: **Biomedical Sciences**

Career Cluster: **Health Science**

**\*\*This document is intended for course planning. Course offerings may vary by school. Please contact your school's guidance department, program director, or assistant principal for site specific information.**

		Standard Diploma Requirements 14 Core Curriculum Credits			
		Grade 9	Grade 10	Grade 11	Grade 12
<b>Pathways in HS English</b>		<b>4 Credits in English</b>	<b>AP - Advanced Placement, DE - Dual Enrollment, EGP - English General Paper</b>		
<b>Advanced Scholar</b> (accelerating through MS & HS)	English 2H	AP LANG	AP LIT	AP ELECTIVE or DE	
<b>Scholar</b> (accelerating in GR 8/9, FAST PM3 Level 1 or 2 in GR 9)	English 2H	ENG 3H	AICE EGP, or DE, or AP LANG	AICE EGP, or DE, or AP Lit	
<b>Merit</b> (on-grade level grades 8-10)	English 1 (R/H)	ENG 2 (R/H)	AICE EGP, or ENG 3 (R/H)	DE ENG	
<b>Pathways in HS Mathematics</b>		<b>4 Credits in Mathematics</b>	<b>MCL - Math for College Liberal Arts, MDFL - Math for Data &amp; Fin Lit</b>		
<b>Advanced Scholar/Scholar</b>	ALG 2H	AP Math Courses, DE (College Algebra) or Math for College Algebra			
<b>Scholar</b>	GEO H	ALG 2H	AP Math Courses, MCL, MDFL, Math for College Algebra, Prob/Stats H, AP PreCalc		
<b>Merit</b>	ALG 1/ALG 1A (Refer to Placement and Support Recommendations)	ALG 1 or GEO	MCL, MDFL, Math for College Algebra, Prob/Stats H, AP PreCalc		
<b>Pathways in HS Science</b>		<b>3 Credits in Science</b>	<b>AP - Advanced Placement, DE - Dual Enrollment, EQ - Equally Rigorous Science</b>		
<b>Advanced Scholar/Scholar</b>	BIO 1H	Chemistry 1H	AP, DE, or AICE Science Courses		
<b>Scholar</b>	BIO 1H	Chemistry 1 (R/H)	AP, DE, AICE Science Courses, or other EQ Science Courses		
<b>Merit</b>	Environmental Science	BIO 1H	Other EQ HS Science Courses or CTE Courses that Substitute for EQ Science Courses		
<b>Pathways in HS Social Studies</b>		<b>3 Credits in Social Studies</b>	<b>2023 Freshmen must complete a Personal Finance* course for graduation</b>		
<b>Advanced Scholar/Scholar</b>	AP Human Geo, AP World History, AP European History, AP US Gov't., or Personal Finance & Money Management	AP World History or AP European History, or Personal Finance and Money Management H	AP US History, and/or Personal Finance & Money Management H	AP Gov't. & AP Econ. (Macro or Micro), or Personal Finance and Money Management H	
<b>Scholar/Merit</b>	AP Human Geo, World History (AP/H), US Govt. (AP or H), or Personal Finance & Money Management H	World History (AP/H), or Personal Finance & Money Management H	US History (AP/H), or Personal Finance & Money Management H	US Gov't H & Econ. H (or AP versions), or Personal Finance & Money Management H	
<b>Required Courses: Algebra 1 or Geometry, Biology, World History, US History, Personal Finance, US Gov't, &amp; Economics</b>					
<b>7.5 Elective Credits</b>					
<b>Career &amp; Technical Education Course:</b>	Principles of the Biomedical Sciences	Human Body Systems	Medical Interventions	Biomedical Innovation	
<b>Recommended:</b>	Foreign Language	Foreign Language	Elective	Elective	
<b>2.5 Other Required Courses</b>					
1 Credit: Physical Education (H.O.P.E.)					
1 Credit: Fine & Performing Arts, Speech & Debate, any CTE course, or Practical Arts					
.5 Credit: Personal Finance Requirement - *CTE offers Personal Financial Literacy					
Dual enrollment courses may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational and CAPE Scholars Award requirements.					
Related Post-Secondary Opportunities					
Post-Secondary Opportunities	<b>Career Certificate Programs</b>		<b>College Credit Certificate</b>		<b>Degree Programs</b>
	Pinellas Technical College - Clock Hour		<60 College Credits		Associate of Science (AS)
	Medical Laboratory Assisting		Biotechnology Laboratory Specialist		Biotechnology Laboratory Technology
			Biotechnology Specialist		
