CTE Program: **JAVA Development & Programming**
Career Cluster: **Information Technology**

PCS PINELLAS COUNTY SCHOOLS
Career Technical Education

	Standard Diploma Requirements **14 Core Curriculum Credits**			
	Grade 9	Grade 10	Grade 11	Grade 12
English	**4 Credits in English**	*AP - Advanced Placement, DE - Dual Enrollment, EGP - English General Paper*		
Advanced Scholar	English 2 Honors	AP Lang	AP Lit	AP Elective or DE
Scholar	English 2 Honors	English 3 Honors	AICE EGP, DE, or AP Lang	AICE EGP, DE, or AP Lit
Merit	English 1 (R or H)	English 2 (R or H)	AICE EGP	DE or Eng 4 (R or H)
Mathematics	**4 Credits in Mathematics**	*MCL - Math for College Liberal Arts, MDFL - Math for Data & Fin Lit*		
Advanced Scholar	Algebra 2 Honors	AP Math, DE (College Algebra), or Math for College Algebra (MCA)		
Scholar	Geometry Honors	Algebra 2 Honors	AP Math, MCL, MDFL, MCA, Prob/Stats (R or H)	
Merit	Algebra 1 or Algebra 1A	Algebra 1 or Geometry	ALG 2, MCL, MDFL, MCA, Prob/Stats (R orH)	
Science	**3 Credits in Science**	*AP - Advanced Placement, DE - Dual Enrollment, EQ - Equally Rigorous Science*		
Advanced Scholar	Biology 1 Honors	Chemistry 1 Honors	AP Science, DE, or AICE Science Courses	
Scholar	Biology 1 Honors	Chemistry 1 (R or H)	AP Science, DE, AICE, or other EQ Science Course	
Merit	Environmental or Earth Space Science	Biology 1 Honors	Other EQ HS Science Courses or CTE Courses that Substitute for EQ Science Course	
Social Studies	**3 Credits in Social Studies**	*2023 Freshmen must complete a Personal Finance* course for graduation*		
Advanced Scholar	Personal Finance & Money Management	AP World History or AP European History	AP US History	AP Gov't & AP Econ
Scholar/Merit	AP Human Geo, or Personal Finance & Money Management	World History (AP or H), or Personal Finance & Money Management	US History (H)	US Gov't & Econ. (H)

Required Courses: Algebra 1 or Geometry, Biology, World History, US History, Personal Finance, US Gov't, & Economics

7.5 Elective Credits			
Career & Technical Education Course:	Digital Information Technology	Foundations of Programming	Procedural Programming	Object-Oriented Programming Fundamentals
Recommended:	Foreign Language	Foreign Language	Elective	Elective

2.5 Other Required Courses
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

**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.

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	**Career Certificate Programs**	**College Credit Certificate**	**Degree Programs**
	Technical College - Clock Hour	<60 College Credits	Associate of Science (AS)
	JAVA Development & Programming	Computer Programmer	Computer Programming & Analysis
		Computer Programming Specialist	

CAREER TECHNICAL ADULT EDUCATION **CTAE**