

Pharr-San Juan-Alamo ISD

School of Science, Technology, Engineering and Mathematics (STEM)
Computer Science Academy

Semester	High School Course	High School Course Name	STC Course	Credit Hrs
9 th & 10 th Grade	H11661	Art Appreciation DC	ARTS 1301 Art Appreciation <i>(May substitute with MUSI 1306)</i>	3
	H74561	Algebra 2 DC	MATH 1414 College Algebra	4
	H23922	Microcomputer Application	COSC 1301 Intro to Computing <i>(May substitute with SPCH 1311)</i>	3
11 th Grade Fall Semester	H43818	English 3 AP/DC	ENGL 1301 Composition I	3
	H63381	US History AP/DC	HIST 1301 United States History I	3
		Physics AP		
		Spanish 3 AP		
	H74562	Pre-Calculus DC	MATH 2412 Pre-Calculus	4
	H23851	Computer Programming I DC	COSC 1436 Programming Fundamentals I	4
11 th Grade Spring Semester	H43182	English 3 AP/DC	ENGL 1302 Composition II-Rhetoric	3
	H63382	US History AP/DC	HIST 1302 United States History II	3
		Physics AP		
		Spanish 3 AP		
		Pre-Calculus AP/DC		
	H64965	Sociology DC	SOCI 1301 Introduction to Sociology <i>(May substitute with PSYC 2301 or ECON 2301)</i>	3
H238A1	Computer Programming II DC	COSC 1337 Programming Fundamentals II	3	
12 th Grade Fall Semester		English 4 AP		
	H64465	Government DC	GOVT 2305 Federal Government	3
	H88181	Scientific Research & Design III DC	BIOL 1406 Biology for Science Majors I	4
	N1290100	Logic DC	PHIL 2303 Introduction to Logic <i>(Required)</i>	3
	13028000	Practicum of Information Technology DC	COSC 2436 Program Fundamentals III	4
12 th Grade Spring Semester		English 4 AP		
	H64515	Economics		
	H88182	Scientific Research & Design III DC	BIOL 1407 Biology for Science Majors II	4
	H64315	Texas Government DC/Special Topics DC	GOVT 2306 Texas Government	3
	N1302812	Introduction to C+ Programming Applications DC	COSC 1320 C Programming	3
	13028000	Practicum of Information Technology DC	COSC 2425 Computer Organization	4
			TOTAL CREDIT HOURS	64

PSJA College Readiness Department

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