# 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 |
|---|---|---|---|---|
| 9th & 10th Grade | H11661 | Art Appreciation DC | **ARTS 1301** Art Appreciation (May substitute with MUSI 1306) | 3 |
| | H74561 | Algebra 2 DC | **MATH 1414** College Algebra | 4 |
| | H23922 | Microcomputer Application | **COSC 1301** Intro to Computing (May substitute with SPCH 1311) | 3 |
| | | | | |
| 11th 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 |
| | | | | |
| 11th 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 (May substitute with PSYC 2301 or ECON 2301) | 3 |
| | H238A1 | Computer Programming II DC | **COSC 1337** Programming Fundamentals II | 3 |
| | | | | |
| 12th 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 (Required) | 3 |
| | 13028000 | Practicum of Information Technology DC | **COSC 2436** Program Fundamentals III | 4 |
| | | | | |
| 12th 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*

START COLLEGE NOW! *COMPLETE EARLY! GO FAR!*

601 E. Kelly St., Pharr, TX 78577     P: (956) 354-2000     F: (956) 354-3014     www.psjaisd.us

*It is the policy of Pharr-San Juan-Alamo ISD not to discriminate on the basis of sex, disability, race, color, religion, national origin or age.*