2025-2026 Course of Study

	"a-g" Requirements		HS Credits	9th Grade	10th Grade	11th Grade	12th Grade
Technical Core	A-G Courses are Required by California Public University Systems		220 credits are required to earn a diploma	Intro. to Design (f) (1303) (Engineering req) Prin. of Engineering (g) (2503) (Engineering req) Computer Sci. Essen. (g) (1381C) (Comp Sci req)	Intro. to Biotechnology (d) (3867) (Biotech req) ☐ AP Comp. Sci. Prin. (g) (1380C) (Comp Sci req) ☐ Comp. Int. Mfg.(g) (2511) (Engineering req) ☐ Prin. of Engineering (g) (2503) (Engineering req)	☐ Inter. Biotechnology (d) (3568) (Biotech req) ☐ AP Computer Sci. A (g) (1378C) (Comp Sci req) Upperclassmen choose a focus area for their last two ye.ars	☐ Adv. Biotechnology (d) (3875) (Biotech req) ☐ Software Design Dev.(g) (1387) (Comp Sci req) ☐ Honor PLTW Capstone.(g) (2529) (Engineering req)
Academic Core	(a) History	2yrs	30		AP World History (2318)	AP US History (2236)	US Gov.(2241)(a)/Economics (g)
	(b) English	4yrs	40	English 1-2 Acc. (1403)	☐ Eng 10/AP Seminar (1457)	AP English Language (1458)	☐ AP English Literature (1449) or
	(c) Math	3yrs	40	☐ Geometry Acc. (2971) **or** ☐ Algebra 2 Acc. (2964)	☐ Algebra 2 Acc. (2964) **or** ☐ AP Pre-Calculus (2999)	☐ AP Pre-Calculus (2999) **or** ☐ AP Calculus AB (3158) ☐ AP Calculus BC (3159)	☐ AP Calculus AB (3158) **or** ☐ AP Calculus BC (3159) ☐ AP Statistics (c) (3157)
	(d) Lab Science	2yrs	20	☐ Medical Biology (3870) **or** ☐ AP Environmental Sci. (4032)	Chemistry 1-2 Honors (3832)	AP Physics 1 (3854)	☐ Anat./Phys. Honors (3815) **or** ☐ AP Physics 2 (3855)
	(e) World Lang.	2yrs	10 or VAPA	☐ Japanese 1-2 (1760) **or** ☐ Spanish 1-2 (1831) ☐ Span. for Span. Sp. 5-6 (1860)	☐ Japanese 3-4 (1761) **or** ☐ Spanish 3-4 (1832) ☐ AP Spanish Language (1860)	☐ Japanese 5-6 (1762) **or** ☐ Spanish 5-6 (1833)	☐ AP Japanese Language (1781) **or** ☐ AP Spanish Language (1860)
	(f) Visual/ Perf. Art	1yr	10 or WL	see technical core			
	(g) Electives	1yr	60	See Suggested Electives	See Suggested Electives	See Suggested Electives	See Suggested Electives
	Physical Education		20	Intro. to Kinesiology/PE 9 (3704)	Adv. Kinesiology/PE 10 (3707)		
Suggested Elective Courses	Elective courses that provide pathway support or enrichment			☐ AP Human Geography (a)(2323) ☐ Orchestra 1-2 (f) (3451) ☐ Dance 1-2 (f) (3483) ☐ Intro. to Psych/Soc. (g) (2231) ☐ Dig.Design & Yearbook(g)(2830) ☐ Student Council (2800)	☐ AP Statistics (c) (3157) ☐ Orchestra 1-2 (f) (3451)/3-4(3452) ☐ Dance 1-2 or 3-4 (f) (3483 3484) ☐ AP Comp. Sci. Prin. (g) (1380C) ☐ Comp. Int. Mfg.(g) (2511) ☐ Digital Electronics (g) (2507) ☐ Intro. to Psych/Soc. (g) (2231) ☐ Dig.Design & Yearbook(g)(2830) ☐ Student Council (2800)	☐ AP Statistics (c) (3157) ☐ Orchestra 1-2 (f) (3451)/3-4(3452) ☐ Orchestra 5-6 (f) (3453) ☐ Dance 5-6 (f) (3485) ☐ Aerospace Engineering (g)(2515) ☐ AP Comp. Sci. Prin. (g) (1380C) ☐ AP Psychology (g) (2224) ☐ AP Seminar (g) (1453) ☐ Comp. Int. Mfg.(g) (2511) ☐ Digital Electronics (g) (2507) ☐ CSUDH Elect/CC Dual Enroll(a–g) ☐ Dig.Design & Yearbook(g)(2830) ☐ Student Council (2800) ☐ Fitness/Conditioning (3714)	☐ AP Statistics (c) (3157) ☐ Intro. to Theater Arts (f) (3353) ☐ Dance 7-8 (f) (3486) ☐ Aerospace Engineering (g) (2515) ☐ AP Comp. Sci. Prin. (g) (1380C) ☐ AP Psychology (g) (2224) ☐ AP Research (g) (1456) ☐ Comp. Int. Mfg.(g) (2511) ☐ Digital Electronics (g) (2507) ☐ CSUDH Elect/CC Dual Enroll(a–g) ☐ Dig.Design & Yearbook(g)(2830) ☐ Student Council (2800) ☐ Fitness/Conditioning (3714)