

TESLA STEM COURSE OFFERINGS & GRAD REQUIREMENTS

All courses listed yield 1.0 credit unless otherwise noted. **Shaded courses are required**

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English: 4 credits				
All required	ENGLISH 9 Honors	ENGLISH 10 Honors	AP ENGLISH LANG w/ Honors option	ANALYTIC. & CRITIC. READ Honors
Social Studies: 3 credits				
Required: US History, CWP, & 0.5 Civics PLUS 0.5 social studies elective: Econ or AP Psych	—	Economics (0.5) (pairs w/ Intro Business)	US HISTORY Honors	CONTEMP. WRLD PROBS Honors
			AP Psychology (pairs w/ Forensics)	CIVICS (0.5)
			Economics (0.5) (pairs w/ Intro Business)	Economics (0.5) (pairs w/ Intro Business)
Mathematics: 3 credits *middle school credits count* (4 recommended for competitive universities)				
Graduation Requirements:	ALGEBRA 1	GEOMETRY	HONORS ALGEBRA 2	Hon Precalculus or AP Stats
Future STEM Major Track:	GEOMETRY	HON ALGEBRA 2	Hon Precalculus	AP Calculus AB
Highly Advanced Math Tracks:	HON ALGEBRA 2	Hon Precalculus	AP Calculus AB	AP Calculus BC
	Hon Precalculus	AP Calculus AB	AP Calculus BC	Multivariable Calculus
Math elective: AP Stats may be taken alongside or instead of any math above Alg 2	-	-	+ AP Stats	+ AP Stats
Lab Science: 3 credits (4 recommended for competitive universities)				
*Honors Physics requirement may vary based on 9 th grade math level. **Honors Chemistry must be taken in 10 th or 11 th grade (you choose).	PHYSICS* Honors	BIOLOGY Honors or AP	JR SIGNATURE LABS Forensics (pairs w/ AP Psych)	SR SIGNATAURE LABS Adv. Biomedical Lab (2.0 credits)
		AP ENVIRONMENTAL SCIENCE	-OR- Environ. Engineering & Sustainable Design	-OR- AP Physics C: M & EM (2.0 credits)
		CHEMISTRY** Honors	CHEMISTRY (Honors or AP)	AP Chemistry
World Language: 2 credits of the same language (3 recommended for competitive universities)				
*HS language credits done in middle school count e.g. If you took Spanish 1 in middle school, you will be placed in Spanish 2 in 9 th grade; thus meeting the grad requirement upon completion. **LANGUAGE PROFICIENCY TESTING: Students fluent in another language may meet this requirement by proficiency testing (Info HERE)	SPANISH 1 Honors	SPANISH 2 Honors	Spanish 3 Honors	-
Fine Arts: 1 credit (2+ recommended for competitive ART colleges)				
* 1 credit for STEM students only (LWSD otherwise requires 2)	GRAPHIC PRODUCTION Orchestra (.25 /	Orchestra (.25 credits /semester)	Orchestra (.25 credits /semester)	Orchestra (.25 credits /semester)
Career Technical Education: 1 credit				
Computer Science Options	AP CS PRINCIPLES	AP Comp Sci A	Data Structures	Advanced Projects in CS
Business Options	Engineering 1 may be assigned to 9 th graders in lieu of world language (if req is met) or physics (if placed in Alg 1).	Business (0.5) (w/ Economics)	Business (0.5) w/ Economics	Business (0.5) w/ Economics
Engineering Options		Engineering 1	Engineering 1	Engineering 1
		Engineering 2	Engineering 2	Engineering 2
		Engineering 3/STEM Startups	Engineering 3/STEM Startups	
Health (0.5 required), and Other General Electives				
	-	-	Independent Research	HEALTH (0.5)
			Peer Tutor / TA	Peer Tutor / TA
			Leadership (0 period)	Leadership (0 period)
TOTAL CREDITS: 24				
24 total credits required to graduate	___ / 6	___ / 6	___ / 6	___ / 6
Non-Credit Graduation Requirements:				
•WA State History – Passed in middle? Y / N •HSBP/Xello (annual tasks) •SBAC Testing (10 th) •Pass PE Waiver Process (11 th or 12 th)	9 th gr Xello Tasks	Math & ELA SBAC	PE Waiver Process	PE Waiver Process
		10 th gr Xello Tasks	11 th gr Xello Tasks	12 th gr Xello Tasks & finalize HSBP