

STEM ACADEMY: PLTW ENGINEERING PATHWAY WITH CORE COMPLETE														
HIGH SCHOOL/SECONDARY										COLLEGE/POSTSECONDARY				
Subjects		9th		10th		11th		12th		Year 5		Year 6		
		Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Semester I (Fall)	Semester II (Spring)	Semester III (Fall)	Semeter IV (Spring)	
English	1	English I Honors		English II Honors		ENGL 130I Compostion I	ENGL 1302 Compostion II	English IV						
Math	2	Algebra I Honors		Geometry Honors		Algebra II Honors		MATH 1314	LPC / HUMA CORE					
Science	3	Biology Honors		Chemistry Honors		Physics Honors		College Science	College Science					
Social Studies	4	World Geography		GOVT 2305 Federal Government	GOVT 2306 Texas Government	HIST 1301 US History to 1865	HIST 1302 US History since 1865	ECON 2301	Elective		Science at REL ??			
Additional Requirements & Electives	5	LOTE I		LOTE II		PE		Elective						
	6	EDUC 1200 Learning Frameworks	AVID I	SPCH 1315 Public Speaking	MUSI 1306 ARTS 1303 ARTS 1304	Elective		Elective						
STEM: Engineering Pathway	7	PLTW Introduction to Engineering Design		PLTW Environmental Sustainability		PLTW Engineering Science		PLTW Engineering Design & Development						
Work Experience														
			High School Courses		CTE courses		Dual Credit Courses							

Advanced courses such as Honors, AP, OnRamps are recommended.

*Student needs to contact IHE for high school graduation course requirements, degree plan requirements and any other IHE requirements.

*IHE = Institute of Higher Education (University)