

STEM ACADEMY: ROBOTICS 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		English III ENGL 1301 Composition I	English III ENGL 1302 Composotion II	AP English IV/Dual Credit						
Math	2	Algebra I Honors		Geometry Honors		Algebra 2 Honors		Pre-Cal/ MATH 1314 College Algebra						
Science	3	Biology Honors		Chemistry Honors		Physics Honors		BIOL 1408 Biology for Non- Science Majors	BIOL 1409 Biology for Non- Science Majors					
Social Studies	4	World Geography		World History/Elective		US History HIST 1301 US History to 1865	US History HIST 1302 US History since 1865	ECON 2301 Economics	GOVT 2305 Federal Government					
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	GOVT 2306 Texas Government	HUMA Core	Elective						
STEM: Robotics Pathway	7	Introduction to Engineering Design		Robotics I		Robotics II		PLTW Engineering Design & Development						
Work Experience														
			High School Courses		CTE courses		Dual Credit Courses							