

Year / Grade Level	High School Course			Post-Secondary Course		
	PEIMS Course/Code #	High School Course Name	High School Credits	Texas Common Course Numbering System Number	College Course Name	College Credit Hours
Year 1 / Grade 9	03220100/1010	Pre-Ap English 1	1			
Year 1 / Grade 9	03100500/ 03100700 2111/2235	Algebra/PAP Geometry	1			
Year 1 / Grade 9	03010200/ 3212	Pre-AP Bio	1			
Year 1 / Grade 9	03320100/ A3360100 4011/4413	World Geo/ AP Human Geo	1			
Year 1 / Grade 9	03440100/8012	Spanish I	1			
Year 1 / Grade 9	PES00052/5311	PeFound	1			
Year 1 / Grade 9	03221100/1213	Research Writing/	.5			
	N1290050/9000	COLL Transition	.5	EDUC 1300	Learning Frameworks	3
Year 1 / Grade 9	13036200/3506	Principles Applied Engineering	1			
Total Year 1 High School Credits			8	Total Year 1 College Credit Hours		3
Year 2/ Grade 10	03220200/1020	Pre-AP English 2	1			
Year 2/ Grade 10	03100700/03100600 2235/2122	Pre-AP Geom/Alg 2	1			
Year 2/ Grade 10	3040000/ 3213	Pre-AP Chem	1			
Year 2/ Grade 10	03340400/A337010042 31/4233	World History/AP W History	1			
Year 2/ Grade 10	03440200/ 8021	Spanish II	1			
Year 2/ Grade 10	13036200	Manufacturing and Engineering Technology	1			
Year 2/ Grade 10	03250100/6211	DC Theatre	1	DRAM 1310 DRAM 2361	Introduction to Theatre Theatre History	6
Year 2/ Grade 10	03370100/03350100 4408/4409	DC Soc/DC Psych	1	PSYCH 2301/ SPCH 1315	Intro to Psychology/Speech	6
Total Year 2 High School Credits			8	Total Year 2 College Credit Hours		12
Year 3/Grade 11	03220300/ 1032	DC ENG 3	1	ENGL 1301/1302	Composition 1 and 2	6
Year 3/Grade 11	2122/2342/2321/2123	Pre-AP Alg2/Pre-Cal/ INSTU MATH	1	MATH 1414/2412	Coll Algebra/PreCalculus	8
Year 3/Grade 11	03050000/3311	Physics	1			
Year 3/Grade 11	03340100/4124	DC US History	1	HIST 1301/1302	US History	6
Year 3/Grade 11	130365000/3521	Engineering Design and Presentation	1			
Year 3/Grade 11	03310300/4346	Economics	.5			
Year 3/Grade 11		Elective	.5	ENGR 1201	Introductory Engineering	2
Year 3/Grade 11		Elective	1			
Year 3/Grade 11		Elective	1			
Total Year 3 High School Credits			8	Total Year 3 College Credit Hours		22
Year 4/Grade 12	03220300/ 1032	DC English	1	ENGL 2322/2323	British Literature	6
Year 4/Grade 12	03102500/2321 13037210	Institutional Math DC Physics	1 1	Math 2413/ 2414 PHYS 2425/2426	Calculus 1/Calculus II University Physics 1, 2	6 6
Year 4/Grade 12	4345	DC US Govt/DC SS ADV E	1	GOVT 2305/2306	Federal/Texas Govt	6
Year 4/Grade 12	13037400	Practicum in STEM	2			
Year 4/Grade 12		Elective	1			
Year 4/Grade 12		Elective	1			
Total Year 4 High School Credits			8	Total Year 4 College Credit Hours		24
Total High School Credits			32	Total College Credit Hours		61
Certification (s) to be earned by high school graduation:			OSHA 10 or 30			

Brooks Academy of Science and Engineering
TSTEM Crosswalk

Degree (s) to be earned by high school graduation:

Associates of Science,