



Texas City ISD Course Walk Sample - STEM

Foundation HS Graduation Plan with an Endorsement in Multidisciplinary Studies with a Distinguished Level of Achievement & Opportunities to earn 62 college hours

Year/ Grade Level	High School Course with Post-Secondary Course			
	Course ID/ College Course #	Course	Credit/ Hours	
Summer Prior to Grade 9	03440100	Summer Bridge – TSIA RLA Prep	1	
	03440200	Spanish I/II Dual Credit (Optional)		
	SPAN 1411	Beginning Spanish I	4	
	Total HS Summer Credits			1
	Total College Summer Credits			4

Year/ Grade Level	High School Course with Post-Secondary Course							
	Course ID/ College Course #	Semester A Course	Credit/ Hours	Course ID/ College Course #	Semester B Course	Credit/ Hours		
Grade 9 Year 1	03100500	English I Advanced A	.5	03100500	English I Advanced B	.5		
	03100500	Algebra I Advanced A or Algebra 2/OnRamps College Alg A (HS Algebra 2 Credit)	.5	03100500	Algebra I Advanced B or Algebra 2/OnRamps College Alg B (HS Algebra 2 Credit)	.5		
	03100600			03100600				
	MATH 1314	College Algebra	0	MATH 1314	College Algebra	3*		
	03010200	Biology Advanced	.5	03010200	Biology Advanced	.5		
	03340400	World History A Advanced	.5	03340400	World History B Advanced	.5		
	03440100 03440200	Spanish I/Spanish I Advanced or Spanish II/Spanish II Advanced or High School Elective	.5	03440100 03440200	Spanish I/Spanish I Advanced or Spanish II/Spanish II Advanced or High School Elective	.5		
	N1290001	Advancement Via Individual Determination (AVID) 1 st Year A	.5	N1290001	Advancement Via Individual Determination (AVID) 1 st Year A	.5		
	3270100	College Readiness and Study Skills	.5	03241400	Communication Applications	.5		
	EDUC 1300	Psychology for Success	3	SPCH 1315	Public Speaking	3		
		High School Elective	.5		High School Elective	.5		
	Year 1 HS Credits Fall			4	Year 1 HS Credits Spring			4
	Year 1 College Credits Fall			3	Year 1 College Credits Spring			3 (6*)
	Total Year 1 HS Credits						8-9	
	Total Year 1 College Credits						6-13	

*Students must earn and accept the OnRamps College Credit at the end of the spring semester

Year/ Grade Level	High School Course with Post-Secondary Course			
	Course ID/ College Course #	Course	Credit/ Hours	
Summer Prior to Grade 10	PES00052	Foundations of Personal Fitness	.5	
	PHED 1164	Introduction to Physical Fitness & Wellness *Required for Athletes	1	
	03440200	Spanish II	1	
	SPAN 1412	Beginning Spanish II	4	
		Credit Recovery as needed		
	Total Year 2 HS Summer Credits			1.5
	Total Year 2 College Summer Credits			5

Year/ Grade Level	High School Course with Post-Secondary Course							
	Course ID/ College Course #	Semester A Course	Credit/ Hours	Course ID/ College Course #	Semester B Course	Credit/ Hours		
Grade 10 Year 2	03220200	English II A or English II Advanced A	.5	03220200	English II B or English II Advanced B	.5		
	03100600 03100700	Algebra 2 A /OnRamps College Alg A (HS Algebra 2 Credit) A or Geometry A/Geometry Advanced A	.5	03100600 03100700	Algebra 2 B /OnRamps College Alg B (HS Algebra 2 Credit) or Geometry B/Geometry Advanced B	.5		
	MATH 1314	College Algebra	0	MATH 1314	College Algebra	3*		
	03040000	Chemistry A or Chemistry Advanced A	.5	03040000	Chemistry B or Chemistry Advanced B	.5		
	03340100	US History A or OnRamps US History A	.5	03340100	US History B or OnRamps US History B	.5		
	HIST 1301	United States History I	3	HIST 1302	United States History II	3		
	03440200	Spanish II A/Spanish II Advanced A or High School Elective	.5	03440200	Spanish II A/Spanish II Advanced A or High School Elective	.5		
	N1290002	Advancement Via Individual Deter. (AVID) 2 nd Year A	.5	N1290002	Advancement Via Individual Deter. (AVID) 2 nd Year B	.5		
	13011400	Business Info. Mgt I A	.5	13011400	Business Info. Mgt. I B	.5		
	COSC 1301	Introduction to Computing	0	COSC 1301	Introduction to Computing	3		
		High School Elective	.5		High School Elective	.5		
	Year 2 HS Credits Fall			4	Year 2 HS Credits Spring			4
	Year 2 College Credits Fall			3	Year 2 College Credits Spring			6 (9*)
	Total Aggregate Year 2 HS Credits						16-18.5	
Total Aggregate Year 2 College Credits Possible						15-23		

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Year/ Grade Level	High School Course with Post-Secondary Course			
	Course ID/ College Course #	Course	Credit/ Hours	
Summer Prior to Grade 11	0315560	Music Studies, Music Appreciation I	1	
	MUSI 1306	Music Appreciation	3	
		Credit Recovery as needed		
	Total Year 2 HS Summer Credits			1
	Total Year 2 College Summer Credits			3

Year/ Grade Level	High School Course with Post-Secondary Course						
	Course ID/ College Course #	Semester A Course	Credit/ Hours	Course ID/ College Course #	Semester B Course	Credit/ Hours	
Grade 11 Year 3	03220300	English III A	.5	03220300	English III B	.5	
	ENGL 1301	Composition I	3	ENGL 1302	Composition II	3	
	03100700 03101100 03102530 03102500	Geometry/ Geometry Advanced A or Precalculus/OnRampus Precalculus A or Statistics A or Independent Studies in Mathematics: 1 st Time	.5 (1)	03100700 03101100 03102530 03102500	Geometry/ Geometry Advanced B or Precalculus/OnRampus Precalculus B or Statistics B or Independent Studies in Mathematics: 2 nd Time	.5 (1)	
	MATH 2412	College Precalculus (OnRamps)	0	MATH 2412	College Precalculus (OnRamps)	3*	
	MATH 1314	College Algebra (COM)	3	MATH 2412	Precalculus (COM)	3	
	03330100	United States Government	.5	03310300	Economics	.5	
	GOVT 2305	Federal Gov. Constitution & Topics	3				
	03050000	Physics	.5	03050000	Physics	.5	
	N1290030	Advancement Via Individual Deter. (AVID) 3 rd Year A	.5	N1290030	Advancement Via Individual Deter. (AVID) 3 rd Year B	.5	
	03370100	Sociology	.5	03350100	Psychology	.5	
	SOCI 1301	Introduction to Sociology	3	PSYC 2001	General Psychology	3	
	PES00052	Foundations of Personal Fitness	.5	PES00052	Foundations of Personal Fitness	.5	
	PHED 1164	Introduction to Physical Fitness & Wellness	1				
		High School Elective	.5		High School Elective	.5	
	Year 3 HS Credits Fall			4 (4.5)	Year 3 HS Credits Spring		4 (4.5)
	Year 3 College Credits Fall			10-13	Year 3 College Credits Spring		9
	Total Aggregate Year 3 HS Credits						24-26
	Total Aggregate Year 3 College Credits Possible						34-48

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Year/ Grade Level	High School Course with Post-Secondary Course			
	Course ID/ College Course #	Course	Credit/ Hours	
Summer Prior to Grade 12	03221600	Humanities	.5	
	HUMA 1301	Intro to Humanities I	3	
		Credit Recovery as needed		
	Total Year 2 HS Summer Credits			.5
	Total Year 2 College Summer Credits			3

Year/ Grade Level	High School Course with Post-Secondary Course					
	Course ID/ College Course #	Semester A Course	Credit/ Hours	Course ID/ College Course #	Semester B Course	Credit/ Hours
Grade 12 Year 4	03220400	English IV A	.5	03220400	English IV B	.5
	ENGL 2322	British Literature I	3	ENGL 2327	American Literature I	3
	03101100 03102501 03102530	Precalculus or Independent Studies in Math 1 st Time or 2 nd Time Statistics/OnRamps Statistics A	.5 (1)	03102530	Statistics/OnRamps Statistics B	.5
	MATH 2412 MATH 2313 MATH	Precalculus or Calculus I Statistics	4	MATH	Statistics	3*
	13037200 13020600	Scientific Research & Design I or Anatomy & Physiology	1	13037200 13020600	Scientific Research & Design II or Anatomy & Physiology	1
	BIOL 1406 CHEM 1411 BIOL 2401	Biology I, Chemistry I, or Anatomy & Physiology I	4	BIOL 1407 CHEM 1412 BIOL 2402	Biology II Chemistry II, or Anatomy & Physiology II	4
	N1290033	Advancement Via Individual Deter. (AVID) 4 th Year A	.5	N1290033	Advancement Via Individual Deter. (AVID) 4 th Year B	.5
		High School Elective	.5	03380001	Social Studies Advanced Studies	.5
				GOVT 2306	Texas Government	3
	Year 4 HS Credits Fall		3-3.5	Year 4 HS Credits Spring		3
	Year 4 College Credits Fall		11	Year 4 College Credits Spring		10-13
	Total Aggregate Year 4 HS Credits					30-33.5
	Total Aggregate Year 3 College Credits Possible					55-75

*Students must earn and accept the OnRamps College Credit at the end of the spring semester

26 High School Credits are needed for graduation

60 College credits are needed for an associate's degree

Dual credit courses are subject to change due to availability of certified professors