

STEM Early College High School
Cohort 1 - Regular - Class of 2018 (Freshman & Sophomore)
Associate of Arts - Concentration in MATH

Final

Fall-Freshman				
Course Number	Class Title	High School Credit	College Hours	Completed
	English I Pre-AP	1.0	0.0	
	Algebra I Pre-AP	1.0	0.0	
	Biology Pre-AP	1.0	0.0	
	AP Human Geography	Elective 1.0	0.0	
	PLTW - Intro to Engr Design	Elective 1.0	0.0	
TOTAL		5.0	0.0	

Spring-Freshman				
Course Number	Class Title	High School Credit	College Hours	Completed
	English II Pre-AP	1.0	0.0	
	Geometry Pre-AP	1.0	0.0	
	Chemistry Pre-AP	1.0	0.0	
	W. History Pre-AP	1.0	0.0	
	PLTW - Principles of Engr	Elective 1.0	0.0	
* (90) SPCH 1311	Fundamentals of Speech	Elective 0.5	3.0	
OR				
(50) MUSI 1306	Music Appreciation - Fine Arts Credit	1.0	3.0	
TOTAL		5.5 or 6.0	3.0	

Total High School Credits: 10.5 or 11.0

Total College Hours: 3.0

*** Students will only take one class either SPCH 1311 or MUSI 1306 for the Spring Semester**

Fall-Sophomore				
Course Number	Class Title	High School Credit	College Hours	Completed
(10) ENGL 1301	English Composition I (English III - Sem 1)	0.5	3.0	
	Algebra II Pre-AP	1.0	0.0	
	Physics Pre-AP	1.0	0.0	
OR				
	Physical Education	1.0	0.0	
	PLTW - Digital Electronics	Elective 1.0	0.0	
	Spanish I	1.0	0.0	
* (90) SPCH 1311	Fundamentals of Speech	Elective 0.5	3.0	
OR				
(50) MUSI 1306	Music Appreciation - Fine Arts Credit	1.0	3.0	
TOTAL		5.0 or 5.5	6.0	

Spring - Sophomore				
Course Number	Class Title	High School Credit	College Hours	Completed
(10) ENGL 1302	English Composition II (English III - Sem 2)	0.5	3.0	
(20) MATH 1414	College Algebra (PreCalculus - Sem 1)	0.5	3.0	
	Physics Pre-AP	1.0	0.0	
OR				
	Physical Education	1.0	0.0	
	PLTW - Computer Integrated Manufacturing	Elective 1.0	0.0	
	Spanish II	1.0	0.0	
	Path College Career I	Elective 1.0	0.0	
TOTAL		5.0	6.0	

Total High School Credits: 10.5

Total College Credits: 12.0

**STEM Early College High School
Cohort 1 - Regular - Class of 2018 (Junior & Senior)**

Final

Fall-Junior				
Course Number	Class Title	High School Credit	College Hours	Completed
(40) ENGL 2322	British Literature I (English IIII - Sem 1)	0.5	3.0	
(STEM ELEC) MATH 2412	Precalculus (Precalculus - Sem 2)	0.5	4.0	
(70) GOVT2305	American Government I (US Government)	0.5	3.0	
(60) HIST 1301	History of the US - Part I (US History - Sem 1)	0.5	3.0	
(STEM ELEC)	PLTW - Aerospace Engineering	Elective 1.0	0.0	
	Path College Career II	Elective 1.0	0.0	
	TOTAL	4.0	14.0	

Spring-Junior				
Course Number	Class Title	High School Credit	College Hours	Completed
(90) ENGL 2323	British Literature II (English IIII - Sem 2)	0.5	3.0	
(70) GOVT 2306	Texas Governement (Elective)	Elective 0.5	3.0	
(60) HIST 1302	History of the US - PartII (US History - Sem 2)	0.5	3.0	
MATH 2413	Calculus I (pre-requisite for PHYS 2425)	0.5	4.0	
(STEM ELEC)	PLTW - Engineering Design & Development	Elective 1.0	0.0	
	Path College Career III	Elective 1.0	0.0	
	TOTAL	4.0	14.0	

Total High School Credits: 8.0

Total College Hours: 28.0

Fall-Senior				
Course Number	Class Title	High School Credit	College Hours	Completed
MATH 2414	Calculus II	Elective 0.5	4.0	
PHYS 2425	University Physics I	0.5	4	
(80) ECON 2301	Princ of Macroeconomics (Economics)	0.5	3.0	
	Path College Career IV	Elective 1.0	0.0	
	TOTAL	3.0	10.0	

Spring - Senior				
Course Number	Class Title	High School Credit	College Hours	Completed
MATH 2415	Calculus III	Elective 0.5	4.0	
MATH 2318	Linear Equations	0.5	3.0	
PHYS 2426	University Physics II	0.5	4	
	College Transition	Elective 1.0	0.0	
	INTERNSHIP PROGRAM	1.0	0.0	
	TOTAL	3.5	10.0	

Total High School Credits: 6.0

Total College Credits: 20.0

Overall Total High School Credits: 35.5

Overall Total College Credits: 67.0