



# CHAPIN HS



PROGRAM NAME	PROGRAM YEAR	COURSE	COURSE NUMBER	PREREQUISITES	STUDENT CERTIFICATIONS	
<b>BUSINESS and INDUSTRY</b>						
<b>Advanced Manufacturing &amp; Machinery Mechanics (ROBOTICS)</b>	9 <sup>th</sup>	Robotics 1	HT2S30Y1W3	None	None	
	10 <sup>th</sup>	Principles of Applied Engineering	HT1S00Y1W3	None		
	11 <sup>th</sup>	Robotics 2	HT3S30Y1W3	Robotics 1		
	12 <sup>th</sup>	Engineering Design and Presentation 1	HT2S10Y1W3	Algebra 1		
<b>Design &amp; Multimedia Arts</b>	9 <sup>th</sup>	Digital Media	HT2K00Y1W3	None	Adobe Certified Associate (ACA) and/or Expert (ACE)	
	10 <sup>th</sup>	Animation 1	HT2C10Y1W3	None		
	11 <sup>th</sup>	Animation 2 w/ Lab	HT3C10Y2W3	Animation 1		
	<b>OPTIONAL</b>					
	12 <sup>th</sup>	Practicum in Animation	HT4C10Y2W3	Animation 2 w/ Lab		
<b>PUBLIC SERVICE</b>						
<b>Teaching &amp; Training (CDL)</b>	10 <sup>th</sup>	Child Development	HT2J30Y1W3	None	Educational Aide I Certification	
	11 <sup>th</sup>	Instructional Practices	HT3E0AY2W3	None		
	12 <sup>th</sup>	Practicum in Education and Training	HT4E0AY2W3	Instructional Practices		
<b>SCIENCE, TECHNOLOGY, ENGINEERING, MATHEMATICS</b>						
<b>Cybersecurity</b>	9 <sup>th</sup>	AP Computer Science Principles	HT210PY1W1	None	None	
	10 <sup>th</sup>	Computer Science 1	HT11R0Y1W3	Algebra 1		
	11 <sup>th</sup>	Foundations of Cybersecurity	HT1K30Y1W3	None		
	12 <sup>th</sup>	AP Computer Science A	HM53GPY1W1	None		
<b>Engineering (PLTW)</b>	9 <sup>th</sup>	Introduction to Engineering Design (PLTW)	N1303742	None	None	
	10 <sup>th</sup>	Principles of Applied Engineering	13036200	None		
	11 <sup>th</sup>	Digital Electronics	13037600	Algebra 1		
	<b>AND</b>					
	11 <sup>th</sup>	Computer Integrated Manufacturing (PLTW)	N1303748	None		
	<b>OR</b>					
	11 <sup>th</sup>	Aerospace Engineering (PLTW)	N1303745	None		
	<b>OR</b>					
	11 <sup>th</sup>	Environmental Sustainability (PLTW)	N1303746	None		
	<b>OR</b>					
11 <sup>th</sup>	Civil Engineering and Architecture (PLTW)	N1303747	None			
12 <sup>th</sup>	Engineering Design and Development (PLTW)	N1303749	None			
<b>Programming &amp; Software Development</b>	9 <sup>th</sup>	AP Computer Science Principles	HT210PY1W1	None	None	
	10 <sup>th</sup>	Computer Science 1	HT11R0Y1W3	Algebra 1		
	11 <sup>th</sup>	Fundamentals of Computer Science	HT1000Y1W3	None		
	12 <sup>th</sup>	AP Computer Science A	HM53GPY1W1	None		



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<b>SCIENCE, TECHNOLOGY, ENGINEERING, MATHEMATICS</b>					
<b>Renewable Energy</b>	9 <sup>th</sup>	Principles of Applied Engineering	HT1S00Y1W3	None	None
	10 <sup>th</sup>	Environmental Sustainability (PLTW)	HT3W1XY1W3	None	
	11 <sup>th</sup>	Digital Electronics	HT4S20Y1W3	Algebra 1, Geometry	
	12 <sup>th</sup>	Engineering Design and Problem Solving	HT4S10Y1W3	Algebra 1, Geometry	

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El Distrito Escolar Independiente de El Paso no discrimina en los programas de educación o en prácticas de empleo usando el criterio de raza, color, edad, sexo, religión, origen nacional, estado civil, ciudadanía, estado militar, discapacidad, información genética, estereotipo sexual o sexualidad percibida, u otra práctica prohibida por la ley. Preguntas acerca de la aplicación del título VI, VII o IX, y la Sección 504 pueden ser referidas al oficial del distrito, Patricia Cortez al 230-2033; preguntas sobre 504 tocante a estudiantes pueden ser referidas a Kelly Ball al 230- 2856.