



# BOWIE HS



## Programs of Study

El Paso ISD Career and Technical Education (CTE) programs offer courses that provide students with coherent and rigorous content. CTE content is aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare students for further education and careers in current or emerging professions.

### Available CTE Endorsements: Business and Industry and Public Service

For more information on HB 5 Endorsements please visit the following links:

EPISD Curriculum & Instruction HB 5 New Graduation Requirements: <https://www.episd.org/Page/301>

Texas Education Agency HB 5 Foundation High School Program:

<https://tea.texas.gov/academics/graduation-information/house-bill-5-foundation-high-school-program>

Program Name	Program Year	Course Name	TEA Service ID	Prerequisites	Student Certifications
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### BUSINESS AND INDUSTRY (MEETS HB5 GRADUATION ENDORSEMENTS)

<b>Culinary Arts</b>  Instructor(s) Lexi Davis Heidi Sarabia Jaime Villanueva  CTSO: Skills USA	9th	Introduction to Culinary Arts-L1 (1 credit)	<b>HT2I00Y1W3</b> 13022550	None	Food Handlers Permit
	10th/11th	Culinary Arts I-L2 (2 credits)	<b>HT3I0AY2W1</b> 13022600	None	Certified Fundamentals Cook / ServSafe Manager Certification
	11th	Advanced Culinary Arts-L3 (2 credits)	<b>HT4I0AY2W1</b> 13022650	Culinary Arts I	
	12th	Food Science-L4 (1 credit)	<b>HT4I00Y1W3</b> 13023000	3 units of science, including Chemistry and Biology	

<b>Plant Science</b>  Instructor(s) Jacob Marquez Luis Tinajero  CTSO: BPA,DECA,FBLA	9th	Principles of Agriculture, Food, and Natural Resources-L1 (1 credit)	<b>HT1A00Y1W3</b> 13000200	None	
	10th	Greenhouse Operation and Production-L2 (1 credit)	<b>HT3A70Y1W3</b> 13002050	None	Texas State Florist Association Cert: Knowledge Based I
	11th	Horticultural Science-L3 (1 credit)	<b>HT3A40Y1W3</b> 13002000	At least one credit in a course from the Agriculture, Food, and Natural Resource Career Cluster	
	12th	Advanced Plant and Soil Science-L4 (1 credit)	<b>HT4A70Y1W3</b> 13002100	None	Texas State Florist Association Cert II/BASF



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**PUBLIC SERVICE (MEETS HB5 GRADUATION ENDORSEMENTS)**

<b>Law Enforcement</b>  Instructor(s) Norma Brown Ruben Hernandez Eduardo Jacquez  CTSO: SkillsUSA/TXPSTA	9th	Principles of Law, Public Safety, Corrections, and Security-L1 <i>(1 credit)</i>	<b>HT1L00Y1W3</b> 13029200	None	
	10th	Law Enforcement I-L2 <i>(1 credit)</i>	<b>HT2L10Y1W3</b> 13029300	None	
	11th	Law Enforcement II-L3 <i>(1 credit)</i>	<b>HT4L10Y1W3</b> 13029400	None	911 – Emergency Telecommunicator/Non Commissioned Security Officer Level II
	12th	Forensic Science-L4 <i>(1 credit)</i>	<b>HT4L00Y1W3</b> 13029500	Biology, Chemistry, Integrated Physics and Chemistry, or Physics	

**SCIENCE, TECHNOLOGY, ENGINEERING, MATHEMATICS (MEETS HB5 GRADUATION ENDORSEMENTS)**

<b>Mechanical and Aerospace Engineering</b>  Instructor(s) Daniel Gomez  CTSO: SkillsUSA	9th	Introduction to Aerospace and Aviation-L1 <i>(1 credit)</i>	<b>HT3P3XY1W3</b> N1304672	None	
	10th	Engineering Design and Presentation I-L3 <i>(1 credit)</i>	<b>HT2S10Y1W3</b> 13036500	Algebra I and at least one credit in a course from the STEM career cluster	
	11th	Aerospace Engineering (PLTW)-L3 <i>(1 credit)</i>	<b>HT3W4XY1W1</b> N1303745	At least one credit in a Level 2 or higher course in the Engineering Career Cluster	Aerospace Manufacturing Certification
	12th	Practicum in STEM-L4 <i>(2 credits)</i>	<b>HT4S60Y2W3</b> 13037400	Algebra I and Geometry	Pre-Engineering/Engineering Technology - Job Ready