

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
BUSINESS AND INDUSTRY (MEETS HB5 GRADUATION ENDORSEMENTS)					
Culinary Arts Instructor(s) Lexi Davis Heidi Sarabia Jaime Villanueva CTSO: Skills USA	9th	Introduction to Culinary Arts-L1 (1 credit)	HT2I00Y1W3 13022550	None	Food Handlers Permit
	10th/11th	Culinary Arts I-L2 (2 credits)	HT3I0AY2W1 13022600	None	Certified Fundamentals Cook / ServSafe Manager Certification
	11th	Advanced Culinary Arts-L3 (2 credits)	HT4I0AY2W1 13022650	Culinary Arts I	
	12th	Food Science-L4 (1 credit)	HT4I00Y1W3 13023000	3 units of science, including Chemistry and Biology	
Plant Science Instructor(s) Jacob Marquez Luis Tinajero CTSO: BPA,DECA,FBLA	9th	Principles of Agriculture, Food, and Natural Resources-L1 (1 credit)	HT1A00Y1W3 13000200	None	
	10th	Greenhouse Operation and Production-L2 (1 credit)	HT3A70Y1W3 13002050	None	Texas State Florist Association Cert: Knowledge Based I
	11th	Horticultural Science-L3 (1 credit)	HT3A40Y1W3 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)	HT4A70Y1W3 13002100	None	Texas State Florist Association Cert II/BASF



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PUBLIC SERVICE (MEETS HB5 GRADUATION ENDORSEMENTS)

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

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

Mechanical and Aerospace Engineering Instructor(s) Daniel Gomez CTSO: SkillsUSA	9th	Introduction to Aerospace and Aviation-L1 (1 credit)	HT3P3XY1W3 N1304672	None	
	10th	Engineering Design and Presentation I-L3 (1 credit)	HT2S10Y1W3 13036500	Algebra I and at least one credit in a course from the STEM career cluster	
	11th	Aerospace Engineering (PLTW)-L3 (1 credit)	HT3W4XY1W1 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 (2 credits)	HT4S60Y2W3 13037400	Algebra I and Geometry	Pre-Engineering/Engineering Technology - Job Ready