

Texas City ISD CTE Programs of Study

Class of 2026 and Beyond

Industrial Trades Center

Program	Endorsement	Level 1	Level 2	Level 3	Level 4
Carpentry	Business and Industry	Principles of Construction 7841	Construction Technology I 7866	Construction Technology II 7867	Practicum in Construction Technology 7846
Electrical & Instrumentation	Business and Industry	Principles of Construction 7842	Electrical Technology I 7771 and Occupational Safety and Evni. Tech. I 7868	Electrical Technology II 7844	Practicum in Construction Technology 7847
Manufacturing Technology (Machining)	Business and Industry	Principles of Manufacturing 7774	Precision Metal I 7775A and Diversified Manufacturing I 7775B	Precision Metal II 7871	Practicum in Manufacturing 7875
Maritime	Business and Industry	Principles or Maritime 7783	Maritime Science I 7784 and Introduction to Shipboard Engineering 7861	Maritime Science II 7884 and Advanced Shipboard Engineering 7862	Practicum in Distribution and Logistics 7885
Pipefitting	Business and Industry	Principles of Construction 7865	Pipefitting Technology I 7872 and Lab 7874	Pipefitting Technology II 7873 and Lab 7875	Practicum in Construction Technology 7848
Welding	Business and Industry	Intro to Welding 7713	Welding I 7785	Welding II 7799	Practicum in Manufacturing *New for the 2025-2026 school year

La Marque High School

Program	Endorsement	Level 1	Level 2	Level 3	Level 4
Advanced Manufacturing and Machinery Technology (Robotics)	Business and Industry	Principles of Applied Engineering 7823	Engineering Design and Presentation I 7824	Robotics I 7820 and Robotics II 7821	Practicum in Manufacturing 7818
Architectural Design	Business and Industry	Principles of Architecture 7840	Architectural Design I 7743	Architectural Design II 7744	Practicum in Architectural Design 7748
Business Management	Business and Industry	BIM I 7767	BIM II 7768	Career Preparation I (2 Credit) 7729	Career Preparation I (3 Credit) 7815
Culinary Arts	Business and Industry	BIM I 7767	Culinary Arts 7713	Advanced Culinary Arts 7717	Practicum in Culinary Arts 7810
Barbering	Public Services	BIM I 7767	Intro to Barbering 7886	Barbering I *New for 2023-2024 school year	Barbering II *New for 2024-2025 school year
Cosmetology	Public Services	BIM I 7767	Intro to Cosmetology 7780	Cosmetology I/Lab 7781	Cosmetology II/Lab 7782
Healthcare Therapeutic (CNA)	Public Services	Medical Terminology 7745	Principles of Health Science 7735	Health Science Clinicals 7830 and Anatomy and Physiology 7742	Practicum in Health Science 7737 and Medical Microbiology 7715
Law Enforcement	Public Services	Principles of Law and Public Safety 7834	Law Enforcement I 7835	Law Enforcement II *New for the 2023-2024 school year	Practicum in Law and Public Safety *New for the 2024-2025 school year and/or Forensic Science 7828
Teaching and Training	Public Services	Principles in Education and Training 7700	Human Growth and Development *New for 2023-2024 School Year	Instructional Practices 7702	Practicum in Education and Training 7707
Engineering	STEM	Intro to Engineering & Design 7790	Principles of Engineering 7791	Engineering Design and Development 7793	Practicum in STEM 7794

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Advanced Manufacturing and Machinery Technology (Robotics)	Business and Industry	Principles of Applied Engineering 7823	Engineering Design and Presentation I 7824	Robotics I 7820 and Robotics II 7821	Practicum in Manufacturing 7818
Animal Science (Vet Med)	Business and Industry	Principles of AFNR 7710	Small Animal Mngmt. 7722 /Equine Science 7832	Veterinary Medical Applications 7752	Practicum in AFNR (Vet Med II) 7754
Architectural Design	Business and Industry	Principles of Architecture 7840	Architectural Design I 7743	Architectural Design II 7744	Practicum in Architectural Design 7748
Business Management	Business and Industry	BIM I 7767	BIM II 7768	Career Preparation I (2 Credit) 7729	Career Preparation I (3 Credit) 7815
Culinary Arts	Business and Industry	BIM I 7767	Culinary Arts 7713	Advanced Culinary Arts 7717	Practicum in Culinary Arts 7810
Digital Communications	Business and Industry	Principles of A/V 7755	Audio/Video Production I 7756	Audio/Video Production II/Lab 7853	Practicum in A/V 7758
Lodging and Resort Mngmt.	Business and Industry	Principles of Hospitality 7800	Hotel Management 7811	Hospitality Services 7701	Career Preparation I 7729
Marketing	Business and Industry	Principles of BMF 7764	Advertising 7858 /Sports & Ent. Marketing 7747	Advanced Marketing 7856	Practicum in Marketing 7857
Plant Science	Business and Industry	Principles of AFNR 7710	Floral Design 7711	Horticulture 7750	Adv. Plant and Soil Science 7812
Cosmetology	Public Services	BIM I 7767	Intro to Cosmetology 7780	Cosmetology I/Lab 7781	Cosmetology II/Lab 7782
Healthcare Therapeutic (CNA)	Public Services	Medical Terminology 7745	Principles of Health Science 7735	Health Science Clinicals 7830 and Anatomy and Physiology 7742	Practicum in Health Science 7737 and Medical Microbiology 7715
Healthcare Therapeutic (Pharmacy Tech)	Public Services	Medical Terminology 7745	Principles of Health Science 7735	Health Science Theory 7829 / Pharmacology 7827 and Anatomy and Physiology 7742	Practicum in Health Science 7833 and Medical Microbiology 7715
Law Enforcement	Public Services	Principles of Law and Public Safety 7834	Law Enforcement I 7835	Law Enforcement II *New for the 2023-2024 school year	Practicum in Law and Public Safety *New for the 2024-2025 school year and/or Forensic Science 7828
Teaching and Training	Public Services	Principles in Education and Training 7700	Human Growth and Development *New for 2023-2024 School Year	Instructional Practices 7702	Practicum in Education and Training 7707
Engineering	STEM	Intro to Engineering & Design 7790	Principles of Engineering 7791	Engineering Design and Development 7793	Practicum in STEM 7794

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Class of 2023-2025

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Carpentry	Business and Industry	CTE Elective (Home Campus)	Construction Technology I 7866	Construction Technology II 7867	Practicum in Construction Technology 7846
Electrical & Instrumentation	Business and Industry	CTE Elective (Home Campus)	Occupational Safety and Environmental Technology I 7868/Electrical I 7771	Electrical II 7844	Practicum in Construction Technology 7847
Manufacturing Technology (Machining)	Business and Industry	CTE Elective (Home Campus)	Precision Metal I 7775A and Diversified Manufacturing I 7775B	Precision Metal II 7871	Practicum in Manufacturing 7875
Maritime	Business and Industry	CTE Elective (Home Campus)	Principles or Maritime 7783/Principles of Dist. Log 7881	Maritime I 7784/Maritime II 7884	Practicum in Maritime 7885
Pipefitting	Business and Industry	CTE Elective (Home Campus)	Occup. Safety 7869/Principles of Construction 7865	Pipefitting Technology I 7872/Pipe. Tech. II 7873	Practicum in Construction Technology 7848
Welding	Business and Industry	CTE Elective (Home Campus)	Intro to Welding 7713	Welding I 7785	Welding II 7799

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Architectural Design	Business and Industry	Principles of Architecture 7840	Architectural Design I 7743	Architectural Design II 7744	Practicum in Architectural Design 7748
Business Management	Business and Industry	BIM I 7767	BIM II 7768	Career Preparation I 7729	Career Preparation II 7815
Culinary Arts	Business and Industry	CTE Elective	Culinary Arts 7713	Advanced Culinary Arts 7717	Practicum in Culinary Arts 7810
Barbering	Public Services	BIM I 7767	Intro to Barbering 7886	Barbering I *New for 2023-2024 school year	Barbering II *New for 2024-2025 school year
Cosmetology	Public Services	CTE Elective	Intro to Cosmetology 7780	Cosmetology I 7781	Cosmetology II 7782
Healthcare Therapeutic (CNA)	Public Services	Medical Terminology 7745	Principles of Health Science 7735	Health Science Clinicals 7830 and Anatomy and Physiology 7742	Practicum in Health Science 7737 and Medical Microbiology 7715
Law Enforcement	Public Services	Principles of Law and Public Safety 7834	Law Enforcement I 7835	Law Enforcement II *New for the 2023-2024 school year	Practicum in Law and Public Safety *New for the 2024-2025 school year and/or Forensic Science 7828
Teaching and Training	Public Services	CTE Elective	Principles in Education and Training 7700	Instructional Practices 7702	Practicum in Education and Training 7707
Engineering	STEM	Intro to Engineering & Design 7790	Principles of Engineering 7791	Engineering Design and Development 7793	Practicum in STEM 7794

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Architectural Design	Business and Industry	Principles of Architecture 7840	Architectural Design I 7743	Architectural Design II 7744	Practicum in Architectural Design 7748
Audio/Visual Production	Business and Industry	Principles of A/V 7755	Audio/Video Production I 7756	Audio/Video Production II 7853	Practicum in A/V 7758
Business Management	Business and Industry	BIM I 7767	BIM II 7768	Career Preparation I 7729	Career Preparation II 7815
Culinary Arts	Business and Industry	CTE Elective	Culinary Arts 7713	Advanced Culinary Arts 7717	Practicum in Culinary Arts 7810
Lodging and Resort Mngmt.	Business and Industry	Principles of Hospitality 7800	Hotel Management 7811	Hospitality Services 7701	Career Preparation I 7729
Marketing	Business and Industry	Principles of BMF 7764	Advertising 7858/Sports & Ent. Marketing 7747	Advanced Marketing 7856	Practicum in Marketing 7857
Plant Science	Business and Industry	Principles of AFNR 7710	Floral Design 7711	Horticulture 7750	Adv. Plant and Soil Science 7812
Vet Med	Business and Industry	Principles of AFNR 7710	Small Animal Mngmt. 7722/Equine Science 7832	Veterinary Medical Applications (Vet Med I) 7752	Practicum in AFNR (Vet Med II) 7754
Cosmetology	Public Services	CTE Elective	Intro to Cosmetology 7780	Cosmetology I 7781	Cosmetology II 7782
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