

Texas City ISD CTE Programs of Study

| Industrial Trades Center | | | | | |
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| 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 Envi. Tech. I 7868 | Electrical Technology II 7844 | Practicum in Construction Technology 7847 |
| Maritime | Business and Industry | Principles of 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 | BIM I 7767 | Intro to Welding 7813 | Welding I 7785 | Welding II 7799 |

| La Marque High School | | | | | |
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| 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 |
| Animal Science (Vet Med) | Business and Industry | Principles of AFNR 7710 *New for 23-24 School Year | Small Animal Mngmt. 7722 /Equine Science 7832 *New for 24-25 School Year | Veterinary Medical Applications 7752 *New for 25-26 School Year | Practicum in AFNR (Vet Med II) 7754 *New for 26-27 School Year |
| Architectural Design | Business and Industry | Principles of Architecture 7840 | Architectural Design I 7743 | Architectural Design II 7744 | Practicum in Architectural Design 7748 |
| Barbering | Public Services | BIM I 7767 | Intro to Barbering 7886 | Barbering I 7887 | Barbering II 7888 *New for 2024-2025 school year |
| Business Management | Business and Industry | BIM I 7767 | BIM II 7768 | Career Preparation I (2 Credit) 7729 | Career Preparation I (3 Credit) 7816 |
| Cosmetology | Public Services | BIM I 7767 | Intro to Cosmetology 7780 | Cosmetology I/Lab 7781 | Cosmetology II/Lab 7782 |
| Culinary Arts | Business and Industry | BIM I 7767 | Culinary Arts 7713 | Advanced Culinary Arts 7717 | Practicum in Culinary Arts 7810 |
| Engineering | STEM | Intro to Engineering & Design 7790 | Principles of Engineering 7791 | Engineering Design and Development 7793 *New for 2023-2024 School Year | Practicum in STEM 7794 |
| Fire Academy | Public Services | Principles of Law and Public Safety (Fire Academy) 7900 | Medical Terminology (Fire Academy- Dual Credit) 7901 | Firefighter I 7902 | Firefighter II 7903 /Practicum in Law and Public Safety 7904 |
| Healthcare Therapeutic | 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 7836 | Practicum in Law and Public Safety 7837 *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 7703 | Instructional Practices 7702 | Practicum in Education and Training 7707 |

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| 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 |
| Business Management | Business and Industry | BIM I 7767 | BIM II 7768 | Career Preparation I (2 Credit) 7729 | Career Preparation I (3 Credit) 7816 |
| Cosmetology | Public Services | BIM I 7767 | Intro to Cosmetology 7780 | Cosmetology I/Lab 7781 | Cosmetology II/Lab 7782 |
| 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 |
| Engineering | STEM | Intro to Engineering & Design 7790 | Principles of Engineering 7791 | Engineering Design and Development 7793 | Practicum in STEM 7794 |
| Fire Academy | Public Services | Principles of Law and Public Safety (Fire Academy) 7900 | Medical Terminology (Fire Academy- Dual Credit) 7901 | Firefighter I 7902 | Firefighter II 7903 /Practicum in Law and Public Safety 7904 |
| Healthcare Therapeutic | 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 7836 | Practicum in Law and Public Safety 7837 *New for the 2024-2025 school year and/or Forensic Science 7828 |
| Lodging and Resort Mngmt. | Business and Industry | Principles of Hospitality 7800 | Hotel Management 7811 | Hospitality Services 7701 | Practicum in Hospitality Services 7705 |
| Marketing | Business and Industry | Principles of BMF 7764 | Social Media Marketing 7765 /Virtual Business 7766 | 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 |
| Teaching and Training | Public Services | Principles in Education and Training 7700 | Human Growth and Development 7703 | Instructional Practices 7702 | Practicum in Education and Training 7707 |