

CAREER & TECHNICAL EDUCATION – PROGRAMS OF STUDY – AT A GLANCE

	9 th	10 th	11 th	12 th
AGRICULTURE, FOOD, AND NATURAL RESOURCES				
PLANT SCIENCE	Floral Design	Greenhouse Operation & Production	Advanced Floral Design	Advanced Plant & Soil Science OR Practicum in AFNR
VETERINARY SCIENCE	Small Animal Management/ Equine Science	Advanced Animal Science	Veterinary Medical Applications	Practicum in AFNR
ARCHITECTURE & CONSTRUCTION				
ARCHITECTURAL DESIGN (Warpath Academy)	Principles of Architecture	Interior Design 1	Architectural Design 1	Practicum in Architectural Design
ARTS, AUDIO VIDEO TECHNOLOGY, AND COMMUNICATIONS				
ANIMATION	Principles of Arts, Audio/Video Technology, and Communications	Animation 1	Animation 2	Digital Art & Animation
GAME DESIGN	Video Game Design	Game Programming & Design	Advanced Video Game Programming	Practicum in Entrepreneurship
GRAPHIC DESIGN	Digital Design & Media Productions	Graphic Design & Illustrations 1	Graphic Design & Illustrations 2	Practicum in Graphic Design & Illustration
BROADCASTING	Principles of Arts, Audio/Video Technology, and Communications	A/V Production 1	A/V Production 2	Practicum in A/V Production
BUSINESS, MARKETING, AND FINANCE				
BUSINESS	Business Information Management 1	Business Information Management 2	Business Law	Business Management
MARKETING	Sports & Entertainment Marketing 1/ Advertising	Marketing	Social Media Marketing/ Sports & Entertainment Marketing 2	Career Preparation 1
HEALTH SCIENCE				
DENTAL SCIENCE	Medical Terminology	Anatomy & Physiology	Introduction to Dental Science	Practicum in Health Science – Dental Science
HEALTHCARE TECHNICIAN (Warpath Academy)	Medical Terminology	Health Science Theory	Anatomy & Physiology	Practicum in Health Science – Healthcare Technician
HUMAN SERVICES				
COSMETOLOGY (Warpath Academy)	These courses to be taken at Coastal Bend College during student’s senior year, Monday – Friday. Student must complete graduation requirements by end of Junior year in order to participate. Please use QR code below to view more information and courses.			

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LAW AND PUBLIC SERVICE				
LAW ENFORCEMENT (Warpath Academy)	Students who choose this program of study will be taking courses at TMHS starting their freshman year with Coastal Bend College for an Associate Degree in Law Enforcement . Students will complete their final classes at Coastal Bend College during their senior year. Please use QR code below to view more information and courses.			
FORENSIC SCIENCE (Warpath Academy)	Students who choose this program of study will be taking courses at TMHS starting their freshman year with Coastal Bend College for an Associate Degree in Forensic Science . Students will complete their final classes at Coastal Bend College during their junior and senior year. Please use QR code below to view more information and courses.			
SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS				
ENGINEERING (Warpath Academy)	Principles of Applied Engineering	Engineering Design & Presentation 1	Engineering Design & Problem Solving	Students will complete courses at Coastal Bend College during senior year.
GEOSPATIAL ENGINEERING & LAND SURVEYING	Principles of Applied Engineering	Geographic Information Systems	Scientific Research & Design	Practicum in STEM with TAMU-CC
INDUSTRIAL MECHANICS (Warpath Academy)	Students who choose this program of study will be taking courses at TMHS starting their freshman year with Coastal Bend College for an Associate Degree in Industrial Mechanics . Students will complete their final classes at Coastal Bend College during their senior year and gain work-based learning with business and industry partners. Please use QR code below to view more information and courses.			
MANUFACTURING				
ROBOTICS	Principles of Applied Engineering	Engineering Design & Presentation 1	Robotics 1	Robotics 2 OR Practicum in STEM OR Career Preparation 1
WELDING (Warpath Academy)	Introduction to Welding	Introduction to Film Interpretation of Weldments	Welding 1	Welding 2 Practicum in Manufacturing
TRANSPORTATION				
AUTOMOTIVE (Warpath Academy)	Students who choose this program of study will be taking courses at TMHS starting their freshman year with Coastal Bend College for an Associate Degree in Automotive Technology . Students will start attending courses at Coastal Bend College their sophomore year and gain work-based learning with business and industry partners. Please use QR code below to view more information and courses.			

For more information, visit our website:

www.tmysd.us/cte/programs

