

COCISD Career & Technical (CTE) Programs of Study & IBC List 25-26

Endorsement: Career Cluster- PROGRAM OF STUDY	Level 1	Level 2	Level 3	Level 4	IBCs (Industry Based Certifications) <i>Students are eligible to earn an Industry Based Certification for each program.</i>
Business & Industry: Agriculture, Food, & Natural Resources- ANIMAL SCIENCE	Principles of AFNR	Small Animal Management / (½ credit) Equine Science* (½ credit)	Livestock & Poultry Production	Advanced Animal Science** (Counts as a Regular Science credit, not honors) Veterinary Science*** (not a Science credit)	• Equine Management Certification * • <i>Elanco Fundamentals of Animal Science Certification**</i> • Certified Veterinary Assistant, Level I***
Business & Industry: Agriculture, Food, & Natural Resources- AGRICULTURAL TECHNOLOGY & MECHANICAL SYSTEMS <i>CAREER ACADEMY - CTE DUAL CREDIT</i>	Principles of AFNR	Ag Mech & Metal Technologies (DC) <i>(Dual Credit- Lamar Institute of Technology)</i>	Ag Structures Design & Fabrication/Lab* (DC) (2 periods) <i>(Dual Credit- Lamar Institute of Technology)</i>	Ag Equipment Design & Fabrication/Lab (2 periods) Scientific Research & Design	• AWS D9.1 Sheet Metal Welding*
Business & Industry: Agriculture, Food, & Natural Resources- ENVIRONMENTAL & NATURAL RESOURCES	Principles of AFNR	Wildlife, Fisheries & Ecology Management* Forestry & Woodlands Ecosystems		Scientific Research & Design	• Ducks Unlimited Ecology Conservation and Management Certification*
Business & Industry: Agriculture, Food, & Natural Resources- PLANT SCIENCE	Principles of AFNR		Floral Design (1 period) Floral Design Lab (2 periods)	Scientific Research & Design	• Principles of Floral Design Certification*
Business & Industry: Business, Marketing & Finance- MARKETING & SALES BUSINESS MANAGEMENT <i>PHASE OUT BOTH PROGRAMS</i>				Practicum of Entrepreneurship (2 periods)	• Entrepreneurship and Small Business
Business & Industry: Hospitality & Tourism- CULINARY ARTS <i>PHASE OUT PROGRAM</i>				Practicum of Entrepreneurship (2 periods)	• Food Protection Manager Certification*
Public Service: Health Science- DIAGNOSTIC & THERAPEUTIC SERVICES	Principles of Health Science	Medical Terminology	Health Science Theory* Health Science Theory** (2 periods) Anatomy & Physiology	Practicum in Health Science (2 periods) CCMA***	• EKG* • Phlebotomy Technician** • Certified Clinical Medical Assistant***
Public Service: Law & Public Service- LAW ENFORCEMENT <i>CAREER ACADEMY - CTE DUAL CREDIT</i>	Principles of Law, Public Safety, Corrections & Security	Law Enforcement I (DC) Criminal Investigations (DC) <i>(Dual Credit - Lamar State College Orange)</i>	Law Enforcement II* Counseling & Mental Health	Forensic Science	• Non-Commissioned Security Officer - Level II* (18+/Fingerprint/)

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