

CAREER & TECHNICAL EDUCATION (CTE) PROGRAMS OF STUDY

Reminder In order to earn an endorsement using only CTE courses, you must complete 4 CTE credits, and 2 of those credits must be from within the same Career Cluster!						
Endorsement	Career Cluster	Program of Study	Course 1	Course 2	Course 3	Course 4
Business & Industry	AG	Animal Science	Principles of AFNR (1300200)	Small Animal Management (13000400) (1 semester - 0.5 credit) AND/OR	Livestock Production (13000300)	Advanced Animal Science (13000700)
				Equine Science (13000500) (1 semester - 0.5 credit) AND/OR	AND/OR	AND/OR
				Wildlife, Fisheries, and Ecology Management (13001500)	Veterinary Medical Applications (Vet Tech I) (13000600)	Practicum in AFNR (Vet Tech II) (13002500) (2 periods - 2 credits)
Business & Industry	AG	Plant Science	Principles of AFNR (1300200)	Floral Design (13001800)	Horticultural Science (13002000)	Practicum in AFNR (Floral Design) (13002500) (2 periods - 2 credits)
Business & Industry	AG	Applied Agricultural Engineering	Principles of AFNR (1300200)	Agricultural Mechanics and Metal Technologies (13002200)	Agricultural Structures Design and Fabrications (13002300)	Agricultural Equipment Design and Fabrication with Lab (13002360) (2 periods - 2 credits)
Business & Industry	AG	Agribusiness	Principles of AFNR (1300200)	Professional Communications (13009900) (1 semester - 0.5 credit) AND/OR	Agribusiness Management and Marketing (13000900)	Agricultural Leadership, Research, and Communications (N1300266)
				Professional Standards (13000800) (1 semester - 0.5 credit)		
Business & Industry	AAVTC	Design and Multimedia Arts (Graphic Design)	Principles of AAVTC (13008200)	Graphic Design & Illustration I (13008800)	Graphic Design & Illustration II with lab (13008910) (2 periods - 2 credits)	Practicum in Graphic Design & Illustration (13009000) (2 periods - 2 credits)
Business & Industry	AAVTC	Digital Communications (Audio Video Production)	Principles of AAVTC (13008200) AND/OR	Audio/Video Production I (13008500)	Audio/Video Production II with Lab (13008610) (2 periods - 2 credits)	Practicum in Audio/Video Production (13008700) (2 periods - 2 credits)
			Professional Communications (13009900) (1 semester - 0.5 credit)			
Business & Industry	BUS	Accounting and Financial Services	BIM I (13011400)	Accounting I (13016600)	Accounting II (13016700)	Statistics & Business Decision Making (13016900) AND/OR
						Practicum in Business Management (13012200) (2 periods - 2 credits)
Business & Industry	BUS	Business Management	BIM I (13011400)	BIM II (13011500)	Business Management (13012100)	Statistics & Business Decision Making (13016900) AND/OR
						Practicum in Business Management (13012200) (2 periods - 2 credits)
Business & Industry	BUS	Dual Credit Business Management	BIM I (13011400)	BIM II (13011500)	Principles of Management (13011800) Dual Credit BMGT 1327 (1 semester - 0.5 credit) AND	Dual Credit Practicum in Business (13011700)/(13012210) Business Ethics - Dual Credit BMGT 1341 (Fall) AND
						Problem Solving and Decision Making - Dual Credit BMGT 2303 (Spring) AND/OR Leadership - Dual Credit BMGT 2309 (Fall) AND Organizational Behavior - Dual Credit HRPO 2307 (Spring)
Business & Industry	STEM	Programming and Software Development	Computer Programming I (13027600)	Computer Programming II (13027700)	Practicum in Information Technology I (13028000) - Not Available until 2021-2022	Practicum in Information Technology II (13028010) - Not Available until 2022-2023
Business & Industry	STEM	Dual Credit Programming and Software Development	Computer Programming I (13027600)	Computer Programming II (13027700)	AP Computer Science A (A3580110 or A3580120) OR	Computer Science I (03580200) Dual Credit COSC 2436 (Fall) (1 semester - 0.5 credit)
					Fundamentals of Computer Science (03580140) Dual Credit COSC 1336 (Fall) (1 semester - 0.5 credit) AND Dual Credit COSC 1437 (Spring) (1 semester - 0.5 credit)	Computer Science II (03580300) Dual Credit COSC 2325 (Spring) (1 semester - 0.5 credit)
Public Services	EDU	Early Childhood Learning	Principles of Human Services (13024200)	Child Development (13024700)	Counseling and Mental Health (13024600)	Child Guidance (13024800) (2 periods - 2 credits)
Public Services	EDU	Teaching and Training	Principles of Human Services (13024200)	Child Development (13024700)	Counseling and Mental Health (13024600) AND/OR	Practicum in Education and Training (13014500) - Not Available until 2021-2022 (2 periods - 2 credits)
					Instructional Practices (13014400) (2 periods - 2 credits) AND/OR	
					Non-CTE: Peer Assistance for Students with Disabilities I	Non-CTE: Peer Assistance for Students with Disabilities II

					Medical Terminology (13020300) AND/OR	
					Dual Credit Medical Terminology (13020300) (1 semester - 1 credit) AND Dual Credit Pathophysiology (13020800) (1 semester - 1 credit) AND/OR	Anatomy & Physiology (13020600) AND/OR
Public Services	HSCI	Emergency Services	Principles of Health Science (13020200)	Health Science Theory (13020400)	Practicum in Health Science (13020500) Dual Credit Certified Nurse's Assistant (CNA) (2 periods - 2 credits)	Emergency Medical Technician (N1303015) Dual Credit EMT (2 credits - 2 periods)
					Medical Terminology (13020300) OR	Anatomy & Physiology (13020600) AND/OR
					Dual Credit Medical Terminology (13020300) (1 semester - 1 credit) AND Dual Credit Pathophysiology (13020800) (1 semester - 1 credit)	
Public Services	HSCI	Healthcare Therapeutic Services (CCMA)	Principles of Health Science (13020200)	Health Science Theory (13020400)	Practicum in Health Science (13020500) CCMA (2 periods - 2 credits)	
					Medical Terminology (13020300) OR	
					Dual Credit Medical Terminology (13020300) (1 semester - 1 credit) AND Dual Credit Pathophysiology (13020800) (1 semester - 1 credit) AND/OR	
Public Services	HSCI	Nursing Science (CNA)	Principles of Health Science (13020200)	Health Science Theory (13020400)	Practicum in Health Science (13020500) Dual Credit Certified Nurse's Assistant (CNA) (2 periods - 2 credits)	Anatomy & Physiology (13020600)
					Counseling and Mental Health (13024600) AND/OR	
			Principles of Human Services (13024200) AND/OR		Interpersonal Studies (13024400) (1 semester - 0.5 credit) AND/OR	
					Non-CTE Personal Financial Literacy (03380082) (1 semester - 0.5 credit) AND/OR	
Public Services	HUSV	Family and Community Services	Professional Communications (13009900) (1 semester - 0.5 credit)	Child Development (13024700)	Non-CTE Psychology (03350100) (1 semester - 0.5 credit)	Family and Community Services (13024900)
					Introduction to Criminal Justice (13029600) Dual Credit CRJ 1301 (Fall) (1 semester - 0.5 credit) AND	Dual Credit Practicum in LPSCS (13030100)/(13030110) Fundamentals of Criminal Law - Dual Credit CRJ 1310 (Fall) AND Correctional Systems and Practices - Dual Credit CRJ 2313 (Spring) AND/OR Police Systems and Practices - Dual Credit CRJ 2328 (Fall) AND Crime in America - Dual Credit CRJ 1307 (Spring)
Public Services	LAW	Dual Credit Legal Studies	Principles of Law, Public Safety, Corrections, & Security (13029200)	Counseling and Mental Health (13024600) AND/OR	Law Enforcement I (13029300)	
					Court Systems and Practices (13029600) Dual Credit Court Systems	Forensic Science (13029500) AND/OR
					Counseling and Mental Health (13024600) AND/OR	
Public Services	LAW	Law Enforcement	Principles of Law, Public Safety, Corrections, & Security (13029200)	Law Enforcement I (13029300)	Criminal Investigations (13029550) Dual Credit Intro to Criminal Justice	Practicum in LPSCS (13030100) (2 periods - 2 credits)
					Medical Terminology (13020300) OR	
					Dual Credit Medical Terminology (13020300) (1 semester - 1 credit) AND Dual Credit Pathophysiology (13020800) (1 semester - 1 credit) AND/OR	
Public Services	LAW	Emergency Services	Principles of Law, Public Safety, Corrections, & Security (13029200)	Counseling and Mental Health (13024600)	Anatomy & Physiology (13020600)	Emergency Medical Technician (N1303015) Dual Credit EMT (2 credits - 2 periods)
STEM	STEM	Engineering	Intro to Engineering Design (IED) (PLTW) (N1303742)	Engineering Science (13037500)	Aerospace Engineering (AE) (PLTW) (N1303745)	Engineering Design and Development (EDD) (PLTW) (N1303749) - Not Available until 2021-2022