



2025-2026



Career and Technical Education Programs of Study at Dawson High School

Business & Industry Endorsement (Option A: CTE)				
Career Cluster: Agriculture, Food, and Natural Resources (Option A1)				
Programs of Study	Level 1	Level 2	Level 3	Level 4
Plant Science (A1E)	Principles of Agriculture (1)	Landscape Design (.5) AND Turf Grass Mgmt. (.5) OR / AND Entrepreneurship (1)	Floral Design (1)	Advanced Floral Design (1)* OR Practicum of Entrepreneurship (2)
	IBC's: Texas State Florist's Association Knowledge Based Floral Certification, Texas Florist's Association Level 1 Floral Certification			
Career Cluster: Arts, A/V Technology and Communications (Option A3)				
Programs of Study	Level 1	Level 2	Level 3	Level 4
Graphic Design and Interactive Media (A3A)	Principles of Arts, A/V Tech and Communications (1)	Animation I (1) OR / AND Entrepreneurship (1)	Animation II w/Lab (2)*	Practicum of Entrepreneurship (2)
	IBC's: Adobe Certified Professional— Illustrator, InDesign, Photoshop, After Effects			
Digital Communications (A3B)	Principles of Arts, A/V Tech and Communications (1)	A/V Production I (1) OR / AND Entrepreneurship (1)	A/V Production II w/Lab (2)*	Practicum of A/V Production (2)* OR Practicum of Entrepreneurship (2)
	IBC's: Adobe Certified Professional— InDesign, Photoshop, After Effects, Premiere Pro			
Career Cluster: Business, Marketing & Finance (Option A4)				
Programs of Study	Level 1	Level 2	Level 3	Level 4
Business Management (A4B)	Principles of Business, Marketing & Finance (1) OR / AND Business Information Mgmt. (1)	Entrepreneurship I (1) OR / AND Business Law (1)	Business Management (1)	Practicum of Entrepreneurship (2)
	IBC's: Entrepreneurship and Small Business (ESB), MOS Excel Expert, MOS Word Expert, PMI Project Management Ready			
Entrepreneurship (A4C)	Principles of Business, Marketing & Finance (1) OR / AND Business Information Mgmt. (1)	Entrepreneurship (1)	Entrepreneurship II (1)	Practicum of Entrepreneurship (2)
	IBC's: Entrepreneurship and Small Business (ESB)			
Career Cluster: Information Technology (Option A5)				
Programs of Study	Level 1	Level 2	Level 3	Level 4
Programming and Software Development (A5C)	Fundamentals of Computer Science (1) (8th Grade)	AP Computer Science Principles (1)* OR PAP Computer Science (1)* OR / AND Entrepreneurship (1)	AP Computer Science A (1)	Practicum of Entrepreneurship (2) OR CTE Project Based Capstone (1)
	IBC's: UNITY Certified User: Programmer, Comp Tia IT+ Fundamentals			

“*” denotes course with required prerequisite

(#) denotes number of credits



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Business & Industry Endorsement (Option A: CTE)				
Career Cluster: Hospitality and Tourism (Option A6)				
Programs of Study	Level 1	Level 2	Level 3	Level 4
Culinary Arts (A6A)	Introduction to Culinary Arts (1)	Culinary Arts (2) OR / AND Entrepreneurship (1)	Advanced Culinary Arts (2)*	Practicum in Culinary Arts (2)*
	IBC's: ServSafe Food Manager			
Public Services Endorsement (Option A: CTE)				
Career Cluster: Health Science (Option A1)				
Programs of Study	Level 1	Level 2	Level 3	Level 4
Diagnostic and Therapeutic Services (A1A)	Principles of Health Science (1)	Medical Terminology (1)	Health Science Theory (1)* / Clinicals (2)*	Anatomy & Phys. (1) *
	IBC's: Certified EKG Technician, Certified Patient Care Technician			
Diagnostic and Therapeutic Services — Dental Assistant (A1C)	Principles of Health Science (1)	Medical Terminology (1)	Health Science Theory (1)* / Clinicals (2)*	Practicum in Health Science —Dental Asst. I (2)* (THS) OR Practicum in Health Science —Dental Assistant (2)* (at THS)
	IBC's: Certified EKG Technician, Certified Patient Care Technician, Registered Dental Assistant X-Ray Certification			
Diagnostic and Therapeutic Services —Pharmacy Technician (A1E)	Principles of Health Science (1)	Medical Terminology (1)	Health Science Theory (1)* / Clinicals (2)*	Practicum in Health Science — Pharmacy Technician (2) * (at THS)
	IBC's: Certified EKG Technician, Certified Patient Care Technician, Certified Pharmacy Technician			
Health Informatics (A1F)	Principles of Health Science (1) OR / AND Business Information Management (1)	Medical Terminology (1)	Health Science Theory (1)* / Clinicals (2)*	Medical Billing & Coding (1) (at THS)
	IBC's: Certified EKG Technician, Certified Patient Care Technician, Certified Billing and Coding Specialist			
Career Cluster: Human Services (Option A2)				
Program of Study	Level 1	Level 2	Level 3	Level 4
Cosmetology (A2B)	Principles of Business (1)	Entrepreneurship (1)	Cosmetology I with Lab (3)* (Dual Credit Program San Jacinto College)	Cosmetology 2 with Lab (3)* (Dual Credit Program San Jacinto College)
	IBC's: Cosmetology Operator License			

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Nondiscrimination Notice for Pearland ISD CTE Programs: It is the policy of the Pearland Independent School District not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. Pearland ISD offers Career and Technical Education programs: Agriculture, Arts & A/V Production, Architecture & Construction, Business, Marketing & Finance, Human Services, Hospitality & Tourism, Information Technology, Law Enforcement, Manufacturing, STEM, and Transportation. It is the policy of the Pearland Independent School District not to discriminate on the basis of race, color, national origin, sex or disability in its vocational programs, services or activities and provides equal access to the Boy Scouts and other designated youth groups as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. Pearland Independent School District will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. For information about your rights or grievance procedures, contact the Title IX Coordinator, Sundie Dahlkamp, Executive Director of Human Resources, at 281-485-3203, or Section 504 Coordinator, Dr. Lisa Nixon, Assistant Superintendent for Special Programs at 1928 N. Main St., Pearland, TX 77581, 281-485-3203.