



2026-2027

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 (AIE)	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			
Programs of Study	Level 1	Level 2	Level 3	Level 4
Plant Science (AIE)	Principles of Agriculture (1)	Small Animal Management (.5) and Equine Science (.5) OR /AND Entrepreneurship (1)	Livestock & Poultry Production (1)* (at THS) OR Veterinary Science (1)* (at THS)	Practicum in AG/Vet (2) (at THS)*
	IBC's: Elanco Fundamentals of Animal Science, Elanco Veterinary Medical Applications, Equine Management and Evaluation, Certified Veterinary Assistant			
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) OR/AND Commercial Photography I (1)	Animation II w/Lab (2)* OR/AND Commercial Photography II (1)	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 Foundations of Business Communication and Technologies (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 Foundations of Business Communication and Technologies (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: Comp Tia Tech+			

“*” 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)* (at 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)* <small>(Dual Credit Program San Jacinto College)</small>	Cosmetology 2 with Lab (3)* <small>(Dual Credit Program San Jacinto College)</small>
IBC's: Cosmetology Operator License				

Career Cluster: Human Services (Option A2)				
Program of Study	Level 1	Level 2	Level 3	Level 4
Junior Reserve Officers' Training Corps (B1A)	JROTC 1 (1)	JROTC 2 (1)*	JROTC 3 (1)*	JROTC 4 (1)*

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(#) denotes number of credits

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