



2025-2026

Career and Technical Education Programs of Study at Turner 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
Animal Science (A1D)	Principles of Agriculture, Food and Natural Resources (1)	Equine Science (.5) and Small Animal Management (.5) OR / AND Entrepreneurship (1)	Livestock Production (1) OR / AND Vet Med Apps (1)*	Advanced Animal Science (1)* OR Practicum in Ag. (2)*
	IBC's: Elanco Fundamentals of Animal Science, Elanco Veterinary Medical Applications, Equine Management and Evaluation, Certified Veterinary Assistant			
Plant Science (A1E)	Principles of Agriculture, Food and Natural Resources (1)	Greenhouse Operation & Production (1) OR / AND Entrepreneurship (1)	Horticultural Science (1) OR / AND Floral Design (1)	Advanced Floral Design (1) OR Practicum in Ag (2)
	IBC's: Texas State Florist's Association Knowledge Based Floral Certification, Texas Florist's Association Level 1 Floral Certification			
Agricultural Technology and Mechanical Systems (A1F)	Principles of Agriculture, Food and Natural Resources (1)	Agricultural Mechanics and Metal Technologies (1)	Agricultural Equipment Design and Fabrication (1)	Practicum in Ag (2)
	IBC's: AWS D1.1 Structural Steel, AWS D9.1 Sheet Metal Welding,			

Career Cluster: Construction (Option A2)

Programs of Study	Level 1	Level 2	Level 3	Level 4
HVAC-R and Sheet Metal (A2C)	Principles of Construction (1)	HVAC and Refrigeration Technology I (1) OR Entrepreneurship (1)	HVAC and Refrigeration Technology II (2)*	Practicum in Entrepreneurship (2)
	IBC's: Refrigerant Handling—EPA 608			

Career Cluster: Arts, A/V Technology and Communications (Option A3)

Programs of Study	Level 1	Level 2	Level 3	Level 4
Digital Communications (A3B)	Principles of Arts, AV Tech and Communications (1)	AV Production I (1) OR / AND Entrepreneurship (1)	AV Production II with Lab (2)*	Practicum in AV Production (2)
	IBC's: Adobe Certified Professional— InDesign, Photoshop, Premiere Pro, After Effects			

Career Cluster: Business, Marketing and Finance (Option A4)

Programs of Study	Level 1	Level 2	Level 3	Level 4
Accounting and Financial Services (A4A)	Principles of Business, Marketing and Finance (1) OR / AND Business Information Mgmt. (1)	Accounting I (1) OR / AND Entrepreneurship (1)	Accounting II (1)	Practicum in Entrepreneurship (2)
	IBC's: MOS Excel Expert, Volunteer Income Tax Assistance - Basic, Intuit Quickbooks			
Business Management (A4B)	Principles of Business, Marketing and Finance (1) OR / AND Business Information Mgmt. (1)	Business Law (1) OR Entrepreneurship (1)	Business Management (1) OR Global Business (.5) and Human Resource Mgmt. (.5)	Stats and Business Decision Making (1)* (Adv. Math Credit) OR Practicum in 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 and Finance (1) OR / AND Business Information Management (1)	Entrepreneurship (1)	Entrepreneurship II (1)	Practicum in Entrepreneurship (2) OR Statistics and Business Decision Making (1) (Adv. Math Credit)
	IBC's: Entrepreneurship and Small Business (ESB)			

“*” denotes course with required prerequisite

(#) denotes number of credits



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Business & Industry Endorsement (Option A: CTE)

Career Cluster: Information Technology (Option A5)

Program of Study	Level 1	Level 2	Level 3	Level 4
Networking Systems (A5A)	Principles of Information Technology (1)	Computer Maintenance w/Lab (2) AND / OR Entrepreneurship I (1)	Networking w/Lab (2)*	Practicum in Entrepreneurship (2)
	IBC's: Cybersecurity Fundamentals, CompTIA IT Fundamentals, CompTIA A+ (1101 & 1102), CompTIA Network			
Cybersecurity (A5B)	Foundations of Cybersecurity (1)	Computer Maintenance w/Lab (2)	Networking w/Lab (2)*	Practicum in Entrepreneurship (2)
	IBC's: Cybersecurity Fundamentals, CompTIA IT Fundamentals, CompTIA A+ (1101 & 1102)			
Programming & Software Development (A5C)	Principles of Information Technology (1) OR Fundamentals of Computer Science (1) (offered in 8th grade)	AP Computer Science Principles (1)* OR PAP Computer Science (1)* OR / AND Entrepreneurship (1)	AP Computer Science A (1)*	Practicum in Entrepreneurship (2)
	IBC's: UNITY Certified User: Programmer, Comp Tia IT+ Fundamentals			

Career Cluster: Hospitality & Tourism (Option A6)

Program of Study	Level 1	Level 2	Level 3	Level 4
Culinary Arts (A6A)	Introduction to Culinary (1)	Culinary Arts (2) OR / AND Entrepreneurship (1)	Advanced Culinary Arts (2)*	Practicum of Culinary Arts (2)*
	IBC's: ServSafe Food Manager			

Career Cluster: Manufacturing (Option A8)

Program of Study	Level 1	Level 2	Level 3	Level 4
Welding (A8A)	Introduction to Welding (1)	Welding I (2)* OR / AND Entrepreneurship (1)	Welding II (2)	Practicum in Entrepreneurship (2)
	IBC's: AWS D1.1 Structural Steel , AWS D9.1 Sheet Metal Welding			

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 & Physiology (1)*
	IBC's: Certified EKG Technician			
Diagnostic and Therapeutic Services — Patient Care Technician (A1B)	Principles of Health Science (1)	Medical Terminology (1)	Health Science Theory (1)* / Clinicals (2)* OR / AND Anatomy & Physiology (1)*	Practicum in Health Science—Certified Patient Care Technician (2)*
	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)* OR / AND Anatomy & Physiology (1)*	Practicum in Health Science—Dental Assistant I (2)* OR Practicum in Health Science —Dental Assistant II (2)*
	IBC's: Certified EKG 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)* OR / AND Anatomy & Physiology (1)*	Practicum in Health Science—Pharmacy Technician(2) *
	IBC's: Certified EKG 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)
	IBC's: Certified EKG Technician, Certified Billing and Coding Specialist			



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Public Services Endorsement (Option A: CTE)				
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 1 w/Lab (3)* <small>(Dual Credit Program San Jacinto College)</small>	Cosmetology 2 w/Lab (3)* <small>(Dual Credit Program San Jacinto College)</small>
	IBC's: Cosmetology Operator License			
STEM Endorsement (Option A: CTE)				
Career Cluster: (Option A)				
Programs of Study	Level 1	Level 3	Level 4	
Engineering Foundations (A5A) (Project Lead the Way®)	Introduction to Engineering and Design (1) (PLTW)	Engineering Science (1)* OR / AND Civil Engineering and Architecture (1)* (PLTW)	Engineering Design and Problem-Solving (1)*	
	IBC's: Autodesk Associate (certified User) Revit Architecture			

"**" denotes course with required prerequisite	(#) denotes number of credits
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