2026-2027
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
Environmental & Natural Resources (A1B)	Principles of Agriculture, Food and Natural Resources (1)	Wildlife, Fisheries, and Ecology Management (1)	Energy and Natural Resource Technology (1)	Practicum in Agriculture (2)*
	IBC's: Ducks Unlimited Ecology Conservation and Management, Water Operators—Class D			
Animal Science (A1D)	Principles of Agriculture, Food and Natural Resources (1)	Equine Science (.5) **and** Small Animal Management (.5) **OR / AND** Entrepreneurship (1)	Livestock & Poultry Production (1)* **OR / AND** Veterinary Science (1)*	Advanced Animal Science (1)* **OR** Practicum in Ag./Vet (2)*
	IBC's: Elanco Fundamentals of Animal Science, Elanco Veterinary Medical Applications, Equine Management and Evaluation, Certified Veterinary Assistant-Level 1			
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 Entrepreneurship (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 Agriculture (2)*
	IBC's: AWS D1.1 Structural Steel, AWS D9.1 Sheet Metal Welding, NCCER Core			

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) **AND / OR** Entrepreneurship (1)	HVAC and Refrigeration Technology II (2)*	Practicum in Entrepreneurship (2)
	IBC's: NCCER Core			

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)* **OR** Practicum in Entrepreneurship (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** Foundations of Business Communication and Technologies (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 & Advanced, Intuit QuickBooks Certified User			
Business Management (A4B)	Principles of Business, Marketing and Finance (1) **OR / AND** Foundations of Business Communication and Technologies (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** Foundations of Business Communication and Technologies (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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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 Tech+, CompTIA A+ (1201 & 1202), CompTIA Network+			
Cybersecurity (A5B)	Foundations of Cybersecurity (1) **OR** Principles of Information Technology (1)	Computer Maintenance w/Lab (2)	Networking w/Lab (2)*	CTE Capstone (1)
	IBC's: Cybersecurity Fundamentals, CompTIA Tech+, CompTIA A+			
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: Comp Tia Tech+			

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, NCCER Core			

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)* (Dual Credit Program San Jacinto College)	Cosmetology 2 w/Lab (3)* (Dual Credit Program San Jacinto College)
	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)	Engineering Design Process (1)	Engineering Science (1)* **OR / AND** Engineering Design and Presentation (1)	Engineering Design and Problem-Solving (1)*
	IBC's: Autodesk Associate (certified User) Revit Architecture		

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