



2024-2025

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 Entrepreneurship (1)	Livestock Production (1) OR Vet Med Apps (1)*	Advanced Animal Science (1)* OR Practicum in Ag. (2)*
Plant Science (A1E)	Principles of Agriculture, Food and Natural Resources (1)	Greenhouse Operation & Production (1) OR Entrepreneurship (1)	Horticultural Science (1)	Floral Design (1) OR Practicum in Ag (2)
Agricultural Technology and Mechanical Systems (A1F)	Principles of Agriculture, Food and Natural Resources (1)	Introduction to Welding (1) AND Agriculture related course (1)	Agricultural Equipment Design and Fabrication (1)	Practicum in Ag (2)

Career Cluster: Construction (Option A2)

Programs of Study	Level 2	Level 3	Level 4
Electrical (A2B)	Electrical I (1) OR Entrepreneurship (1)	Electrical II (2)*	Practicum of Entrepreneurship (2)
HVAC-R and Sheet Metal (A2C)	HVAC and Refrigeration Technology I (1) OR Entrepreneurship (1)	HVAC and Refrigeration Technology II (2)*	Practicum of Entrepreneurship (2)

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, AV Tech and Communications (1)	Animation I (1) and/or Video Game Design (1)* OR Entrepreneurship (1)	Animation II with Lab (2)*	Practicum of Entrepreneurship (2)
Digital Communications (A3B)	Principles of Arts, AV Tech and Communications (1)	AV Production I (1) OR Entrepreneurship (1)	AV Production II with Lab (2)*	Practicum of AV Production (2)

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)	Financial Mathematics (1)* (Math Credit) OR Accounting I (1) OR Business Information Management (1) OR Entrepreneurship (1)	Accounting II (1)	Practicum of Entrepreneurship (2)
Business Management (A4B)	Principles of Business, Marketing and Finance (1)	Business Law (1) OR Business Information Management (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 of Entrepreneurship (2)
Entrepreneurship (A4C)	Principles of Business, Marketing and Finance (1)	Business Information Management (1)	Entrepreneurship (1)	Practicum of Entrepreneurship (2) OR Statistics and Business Decision Making (1)

The options above are suggested CTE programs of study. Individual student changes can be made by consulting with a counselor.

“*” 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
Cybersecurity (A5B)	Foundations of Cybersecurity (1)	AP Computer Science Principles (1)* OR Computer Maintenance with Lab (2) OR Entrepreneurship (1)	PAP Computer Science (1)*	Networking w/Lab (2)*

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 Entrepreneurship (1)	Advanced Culinary Arts (2)*	Practicum of Culinary Arts (2)*

Career Cluster: Manufacturing (Option A8)

Program of Study	Level 1	Level 2	Level 3	Level 4
Welding (A8A)	Principles of Agriculture, Food and Natural Resources (1)	Introduction to Welding (1) OR Entrepreneurship (1)	Welding I (2)	Welding II (2)

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	Principles of Health Science (1)	Medical Terminology (1) OR Entrepreneurship (1)	Health Science Theory with Clinicals (2)*	Anatomy & Physiology (1)*
Diagnostic and Therapeutic Services—Medical Assistant (A1B)	Principles of Health Science (1)	Medical Terminology (1) OR Entrepreneurship (1)	Health Science Theory with Clinicals (2)*	Practicum in Health Science—Certified Clinical Medical Assistant (2)*
Diagnostic and Therapeutic Services - Dental Assistant (A1C)	Principles of Health Science (1)	Medical Terminology (1) OR Entrepreneurship (1)	Health Science Theory (1)* OR Anatomy & Physiology (1)*	Practicum in Health Science—Dental Assistant I (2)* OR Practicum in Health Science—Dental Assistant II (2)*
Diagnostic and Therapeutic Services -Pharmacy Technician (A1E)	Principles of Health Science (1)	Medical Terminology (1) OR Entrepreneurship (1)	Health Science Theory with Clinicals (2)*	Practicum in Health Science—Pharmacy Technician(2) *
Health Informatics (A1F)	Principles of Health Science (1)	Medical Terminology (1)	Health Science Theory (1)*	Medical Billing & Coding (1)

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>

STEM Endorsement (Option A: CTE)

Career Cluster: (Option A)

Programs of Study	Level 1	Level 2	Level 3	Level 4
Engineering Foundations (A5A) <small>(Project Lead the Way©)</small>	Introduction to Engineering and Design (1)	Engineering Science (1)* OR Entrepreneurship (1)	Civil Engineering and Architecture (1)*	Engineering Design and Problem-Solving (1)*