



2022-2023

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) paired with Small Animal Management (.5) OR Livestock Production (1)	Vet Med Apps (1)*	Advanced Animal Science (1)* (4th Year Science Credit) OR Practicum in Ag. (2)*
Plant Science (A1E)	Principles of Agriculture, Food and Natural Resources (1)	Greenhouse Operation & Production (1)	Horticultural Science (1)	Floral Design (1)

Career Cluster: Construction (Option A2)

Programs of Study	Level 2	Level 3	Level 4
Electrical (A2B)	Electrical I (1)	Electrical II (2)*	Career Preparation (2) OR Practicum of Entrepreneurship (2)
HVAC-R and Sheet Metal (A2C)	HVAC and Refrigeration Technology I (1)	HVAC and Refrigeration Technology II (2)*	Career Preparation (2) OR 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
Design and Multimedia Arts (A3A)	Principles of Arts, AV Tech and Communications (1)	Animation I (1) and/or Video Game Design (1)*	Animation II with Lab (2)*	Career Preparation (2) OR Practicum of Entrepreneurship (2)
Digital Communications (A3B)	Principles of Arts, AV Tech and Communications (1)	AV Production I (1)	AV Production II with Lab (2)*	Career Preparation (2) OR Practicum of Entrepreneurship (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)	Accounting I (1)	Career Preparation (2) OR Practicum of Entrepreneurship (2)
Business Management (A4B)	Principles of Business, Marketing and Finance (1)	Business Law (1)	Business Management (1) OR Global Business (.5) AND Human Resource Mgmt. (.5)	Stats and Business Decision Making (1)* (Adv. Math Credit) OR Career Preparation (2) OR Practicum of Entrepreneurship (2)
Entrepreneurship (A4C)	Principles of Business, Marketing and Finance (1)	Business Information Management (1) (Dual Credit)	Entrepreneurship (1)	Career Preparation (2) OR Practicum of Entrepreneurship (2)

Career Cluster: Information Technology (Option A5)

Programs of Study	Level 1	Level 2	Level 3	Level 4
Networking Systems (A5A)	Principles of IT (1) OR PAP Computer Science 1 (1) *	Computer Maintenance w/Lab (2)* OR AP Computer Science Principles (1)*	Networking w/Lab (2)*	Career Preparation (2) OR Practicum of Entrepreneurship (2)

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

Business & Industry Endorsement (Option A: CTE)

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)	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 & Natural Resources (1)	Introduction to Welding	Welding I (2)	Welding II (2)

Public Services Endorsement (Option A: CTE)

Career Cluster: Health Science (Option A1) - Health Informatics, Healthcare Diagnostics

Programs of Study	Level 1	Level 2	Level 3	Level 4
Certified Medical Assistant (CCMA) (A1B)	Principles of Health Science (1)	Medical Terminology (1)	Health Science Theory with Clinicals (2)*	Practicum in Health Science—CCMA (2)*
Registered Dental Assistant (RDA) (A1C)	Principles of Health Science (1)	Health Science Theory (1)*	Practicum in Health Science—Dental Asst. I (2)*	Practicum in Health Science—Dental Asst. II (2)* OR Anatomy & Physiology (1)*
Certified Pharmacy Technician (CPHT) (A1E)	Principles of Health Science (1)	Medical Terminology (1)	Health Science Theory with Clinicals (2)*	Practicum in Health Science—Pharm. Tech(2) *
Health Informatics (A1F)	Principles of Health Science (1)	Medical Terminology (1)	Business Information Management (1)	Project Based Research (Medical Billing & Coding) (1)

Career Cluster: Human Services (Option A2)

Program of Study	Level 1	Level 2	Level 3	Level 4
Cosmetology (A2B) (Dual Credit Program San Jacinto College)	Principles of Business (1)	Entrepreneurship (1)	Cosmetology 1 w/Lab (3)*	Cosmetology 2 w/Lab (3)*

STEM Endorsement (Option A: CTE)

Career Cluster: STEM (Option A)

Programs of Study	Level 1	Level 2	Level 3	Level 4
Engineering Project Lead the Way® (A5A)	Introduction to Engineering and Design (1)	Engineering Science (1)*	Civil Engineering and Architecture (1)*	Engineering Design and Problem-Solving (1)*
Cybersecurity (A5B)	Foundations of Cybersecurity (1)	PAP Computer Science (1)*	AP Computer Science Principles (1)*	Networking w/Lab (2)*

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“*” denotes course with required prerequisite

(#) denotes number of credits

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