2027-2028
Career and Technical Education
Programs of Study at Turner High School

Business & Industry Endorsement

Career Cluster: Agriculture, Food, and Natural Resources (Option A1)

Program of Study	Level 1	Level 2	Level 3	Level 4
Environmental & Natural Resources (AIB)	Principles of Agriculture, Food, and Natural Resources (1)	Wildlife, Fisheries, and Ecology Management (1)(IBC#1)	Energy and Natural Resource Technology (1)(IBC#2)	Practicum in Agriculture (2)*
Animal Science (AID)	Principles of Agriculture, Food, and Natural Resources (1)	Small Animal Management (.5) **and** Equine Science (.5)(IBC#1) **OR / AND** Entrepreneurship (1)	Livestock & Poultry Production (1)*(IBC#2) **OR** Veterinary Science (1)*(IBC#3)	Practicum in Agriculture/Veterinary Tech (2)*(IBC#4) **OR** Practicum of Entrepreneurship (2)
Plant Science (AIE)	Principles of Agriculture, Food, and Natural Resources (1)	Greenhouse House Operation & Production (1) (IBC#1) **OR** Entrepreneurship (1)	Floral Design (1)(IBC#2) OR Horticulture Science (1)(IBC#1)	Advanced Floral Design (1)*(IBC#3) **OR** Practicum of Entrepreneurship (2)
Agricultural Technology and Mechanical Systems (AIF)	Principles of Agriculture, Food, and Natural Resources (1)	Agricultural Mechanics and Metal Technologies (1)(IBC#1)	Agricultural Equipment Design and Fabrication (1)(IBC#2 and #3)	Practicum in Agriculture (2)*

Career Cluster: Architecture and Construction (Option A2)

Program of Study	Level 1	Level 2	Level 3	Level 4
HVAC-R and Sheet Metal (A2C)	Principles of Construction (1)(IBC#1)	HVAC and Refrigeration Technology I (1)(IBC#2) **AND / OR** Entrepreneurship (1)	HVAC and Refrigeration Technology II (2)*	Practicum in Entrepreneurship (2)

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

Program of Study	Level 1	Level 2	Level 3	Level 4
Digital Communications (A3B)	Principles of Arts, A/V Tech and Communications (1)	A/V Production I (1)(IBC#1) **OR / AND** Entrepreneurship (1)	A/V Production II w/Lab (2)*(IBC#3)	Practicum of A/V Production (2)* **OR** Practicum of Entrepreneurship (2)

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

Program of Study	Level 1	Level 2	Level 3	Level 4
Accounting and Financial Services (A4A)	Principles of Business, Marketing & Finance (1) **OR / AND** Foundations of Business Communication (1)(IBC#1)	Accounting I (1)(IBC#2) **OR / AND** Entrepreneurship I (1)	Accounting II (1)*(IBC#3)	Practicum of Entrepreneurship (2)
Business Management (A4B)	Principles of Business, Marketing & Finance (1) **OR / AND** Foundations of Business Communication (1)(IBC#1)	Business Law (1) **OR / AND** Entrepreneurship I (1)(IBC#2)	Business Management (1)(IBC#3) **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 & Finance (1) **OR / AND** Foundations of Business Communication (1)(IBC#1)	Entrepreneurship I (1)(IBC#2)	Entrepreneurship II (1)	Practicum of Entrepreneurship (2)

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)(IBC#1) **AND / OR** Entrepreneurship I (1)	Networking w/Lab (2)(IBC#2)	Practicum of Entrepreneurship (2)
Cybersecurity (A5B)	Foundations of Cybersecurity (1) **OR** Principles of Information Technology (1)	Computer Maintenance w/Lab (2)(IBC#1)	Networking w/Lab (2)(IBC#2)	CTE Project Based Capstone (1)

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Programming and Software Development (A5C)	Fundamentals of Computer Science (1) * (8th Grade) **OR** Principles of Information Technology (1)	AP Computer Science Principles (1)* **OR** PAP Computer Science (1)*(IBC) **OR /AND** Entrepreneurship (1)	AP Computer Science A (1) *	Practicum of Entrepreneurship (2) **OR** CTE Project Based Capstone (1)

Career Cluster: Hospitality & Tourism (Option A6)

Program of Study	Level 1	Level 2	Level 3	Level 4
Culinary Arts (A6A)	Introduction to Culinary Arts (1)	Culinary Arts (2)(IBC) **OR / AND** Entrepreneurship (1)	Advanced Culinary Arts (2)*	Practicum in Culinary Arts (2)* **OR** Practicum of Entrepreneurship (2)

Career Cluster: Manufacturing (Option A8)

Program of Study	Level 1	Level 2	Level 3	Level 4
Welding (A8A)	Introduction to Welding (1)(IBC#1)	Welding I (2)*(IBC#2) **OR / AND** Entrepreneurship (1)	Welding II (2)* (IBC#2 and #3)	Practicum of Entrepreneurship (2)

Public Services Endorsement

Career Cluster: Health Science (Option A1)

Program 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)*(IBC) **OR** Health Science Clinicals (2)*(IBC)	Anatomy & Physiology (1) * (4th Science Credit)
Diagnostic and Therapeutic Services – Patient Care Technician (A1B)	Principles of Health Science (1)	Medical Terminology (1)	Health Science Theory (1)*(IBC#1) **OR** Health Science Clinicals (2)*(IBC#1) **OR /AND** Anatomy & Physiology (1)*	Practicum in Health Science — Patient Care Technician (2)* (IBC#2)
Diagnostic and Therapeutic Services — Dental Assistant (A1C)	Principles of Health Science (1)	Medical Terminology (1)	Health Science Theory (1)*(IBC#1) **OR** Health Science Clinicals (2)*(IBC#1) **OR /AND** Anatomy & Physiology (1)*	Practicum in Health Science — Dental Assistant I (2)*(IBC#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)	Health Science Theory (1)*(IBC#1) **OR** Health Science Clinicals (2)*(IBC#1) **OR /AND** Anatomy & Physiology (1)*	Practicum in Health Science — Pharmacy Technician (2)*(IBC#2)
Health Informatics (A1F)	Principles of Health Science (1)	Medical Terminology (1)	Health Science Theory (1)*(IBC#1) **OR** Health Science Clinicals (2)*(IBC#1)	Medical Billing & Coding (1)(IBC#2) **(at THS)**

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)* (Dual Credit Program with San Jacinto College)	Cosmetology II with Lab (3)*(IBC) (Dual Credit Program with San Jacinto College)

STEM Endorsement

Career Cluster: Engineering (Option A5)

Program of Study	Level 1	Level 3	Level 4
Engineering Foundations (A5A)	Engineering Design Process (1)(IBC#1)	Engineering Science (1)* **OR/AND** Engineering Design and Presentation (1)*(IBC#2)	Engineering Design and Problem Solving (1)*

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

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