



2024—2025

# Career and Technical Education Programs of Study at Pearland 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 (1)	Small Animal Management (.5) <b>and</b> Equine Science (.5) <b>OR</b> Entrepreneurship (1)	Livestock Prod. (1)	Advanced Animal Science (1)*

### Career Cluster: Construction (Option A2)

Program of Study	Level 1	Level 2	Level 3	Level 4
Carpentry (A2A)	Principles of Construction (1)	Construction Technology I (2) <b>OR</b> Entrepreneurship (1)	Construction 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 A/V (1)	Animation 1 (1) <b>OR</b> Entrepreneurship (1)	Animation II w/Lab (2)*	Practicum of Entrepreneurship (2)
Digital Communications (A3B)	Principles of A/V (1)	AV Production I (1) <b>OR</b> Entrepreneurship (1)	AV Production II w/Lab (2)*	Practicum of AV Production (2)*

### Career Clusters: 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 (1)	Business Information Management (1) <b>OR</b> Entrepreneurship (1)	Money Matters (1)	Practicum of Entrepreneurship (2)
Business Management (A4B)	Principles of Business (1) <b>OR</b> Business Information Management (1)	Business Law (1) <b>OR</b> Virtual Business (.5) <b>OR</b> Entrepreneurship (1)	Global Business (.5) <b>AND</b> Human Resources Mgmt. (.5)	Practicum of Entrepreneurship (2)
Entrepreneurship (A4C)	Principles of Business (1)	Business Information Management (1)	Entrepreneurship (1)	Practicum of Entrepreneurship (2)
Marketing & Sales (A4D)	Principles of Business (1)	Sports & Entertainment Marketing (.5) <b>AND</b> Virtual Business (.5) <b>OR</b> Entrepreneurship (1)	Advertising (.5) <b>AND</b> Social Media Marketing (.5)	Practicum of Entrepreneurship (2)

### Career Cluster: Information Technology (Option A5)

Program of Study	Level 1	Level 2	Level 3	Level 4
Programming and Software Development (A5C)	Fundamentals of Computer Science (1) (8th Grade)	AP Computer Science Principles (1)* <b>OR</b> Entrepreneurship (1)	PAP Computer Science (1)*	AP Computer Science A (1)*

### Career Cluster: Hospitality and Tourism (Option A6)

Program of Study	Level 1	Level 2	Level 3	Level 4
Culinary Arts (A6A)	Intro. to Culinary Arts (1)	Culinary Arts (2) <b>OR</b> Entrepreneurship (1)	Adv. Culinary Arts (2)*	Practicum in Culinary (2)*

### Career Cluster: Transportation, Distribution, and Logistics (Option A7)

Program of Study	Level 1	Level 2	Level 3	Level 4
Automotive and Collision Repair (A7A)	Automotive Basics (1)	Automotive Technology I MLR (2)* <b>OR</b> Entrepreneurship (1)	Automotive Technology II AS (2)*	Practicum in Transportation Systems (2)*

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\*\* denotes course with required prerequisite

(#) denotes number of credits



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# Career and Technical Education Programs of Study at Pearland High School

## Business & Industry Endorsement (Option A: CTE)

### 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 Entrepreneurship (1)	Welding II (2)* (THS)	Practicum of Entrepreneurship (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 (A1A)	Principles of Health Science (1)	Medical Terminology (1) OR Entrepreneurship (1)	Health Science Theory (1) / 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 (1) / Clinicals (2)*	Practicum in Health Science—Certified Clinical Medical Assistant (2)* (THS Campus)
Diagnostic and Therapeutic Services—Dental Assistant (A1C)	Principles of Health Science (1)	Medical Terminology (1) OR Entrepreneurship (1) OR Health Science Theory (1)	Practicum in Health Science—Registered Dental Assistant I (2)* (THS Campus)	Practicum in Health Science—Registered Dental Assistant (2)* (THS Campus)
Diagnostic and Therapeutic Services—Emergency Medical Technician (A1D)	Principles of Health Science (1)	Medical Terminology (1) OR Entrepreneurship (1)	Health Science Theory (1) / Clinicals (2)*	Practicum in Health Science—Emergency Medical Technician(2)*
Diagnostic and Therapeutic Services—Pharmacy Technician (A1E)	Principles of Health Science (1)	Medical Terminology (1) OR Entrepreneurship (1)	Health Science Theory (1) / Clinicals (2)*	Practicum in Health Science—Certified Pharmacy Technician (2)*
Health Informatics (A1F)	Principles of Health Science (1)	Medical Terminology (1) OR Business Information Management (1)	Health Science Theory (1) *	Medical Billing & Coding (1)

### Career Cluster: Human Services (Option A2)

Programs of Study	Level 1	Level 2	Level 3	Level 4
Cosmetology (A2B)	Prin. of Human Services (1)	Entrepreneurship (1)	Cosmetology I w/ Lab (3)* (Dual Credit Program San Jacinto College)	Cosmetology II w/ Lab (3)* (Dual Credit Program San Jacinto College)

### Career Cluster: Education & Training (Option A4)

Program of Study	Level 1	Level 2	Level 3
Early Learning (A4A)	Principles of Human Services (1)	Child Development (1)	Child Guidance (2)

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