

Step 1: Choose a "Career Pathway" to explore.

Step 2: Select a course at the appropriate level. (9th graders must begin at Level 1)

Step 3: Note the type of graduation endorsement(s) that could be earned by completing the pathway.

Business and Industry Endorsement Options (Career Pathways designated with ^ will also earn a STEM Endorsement as long as the appropriate Math and Science requirements are met.)						
Career Pathway	Junior High Jumpstart	Level 1	Level 2	Level 3	Level 4	
Accounting & Financial Services →	Business Information Management I (1)	Business Information Management I+ (1) OR Money Matters (1)	Accounting I (1) OR Financial Mathematics (1)	Accounting II* (1)	Practicum - Accounting* (2)	
Animal Science ^ →	Business Information Management I (1)	Principles of Agriculture, Food & Natural Resources (1)	Small Animal Management (.5) AND/OR Equine Science (.5)	Advanced Animal Science* (1) OR Livestock Production (1) OR Veterinary Medical Applications* (1)	Practicum - Animal Science* (2) OR Practicum - Veterinary* (2)	
Agricultural Technology and Mechanical Systems ^ →	Business Information Management I (1)	Principles of Agriculture, Food & Natural Resources (1)	Ag Mechanics & Metal Technologies+ (1) AND Optional Lab (1)	Ag Structures, Design, & Fabrication+ (1) AND Optional Lab (1)	Ag Equipment Design & Fabrication+ (1) OR Practicum - Agriculture Technology & Mechanical Systems* (2)	
Architectural Drafting and Design ^ →	Introduction to Computer-Aided Drafting (1)	Principles of Architecture (1)	Architectural Design I+* (1)	Architectural Design II+* (2)	Practicum - Architectural Drafting & Design* (2)	
Audio/Video Production →	Digital Media (1)	Principles of Arts, A/V Tech, & Communications (1)	Audio Video Production I+ (1)	Audio Video Production II* (1)	Practicum - Audio Video Production* (2)	
Aviation Maintenance ^ →	Engineering Essentials (1)	Introduction to Aircraft Technology (1)	Aircraft Maintenance (1)	Aircraft Airframe Technology* (2)	Practicum - Aviation Maintenance* (2)	
Aviation Pilots ^ →	Engineering Essentials (1)	Introduction to Aerospace and Aviation (1)	Introduction to Unmanned Aerial Vehicle Flight (1)	Aviation Ground School (1) AND Aviation Scientific Research and Design* (1)	Practicum - Pilots and Aviation Operation* (2)	
Business Management →	Business Information Management I (1)	Business Information Management I+ (1) OR Principles of Business, Marketing, & Finance (1) OR <i>Business Information Management II* (1) if prereq. is met</i>	Business Information Management II* (1) OR Business Management (1) OR BUSI 1301(3)	Business Law (1) OR Business Management (1) OR BUSI 1301(3)	Statistics & Business Decision Making* (1) OR Practicum - Business Management* (2)	
Computer Science ^	TRACK 1 →	Business Information Management I (1)	TAP Computer Science I* (1)	AP Computer Science A+ (2 credits- Math and LOTE, 1 period)	TAP Computer Science II* (1)	TAP Computer Science III* (1)
	TRACK 2 →	Business Information Management I (1)	Fundamentals of Computer Science (1)	TAP Computer Science I* (1)	AP Computer Science A+ (2 credits- Math and LOTE, 1 period)	TAP Computer Science II* (1)
Construction Technology →	Introduction to Computer-Aided Drafting (1)	Principles of Architecture (1)	Construction Technology I+ (2)	Construction Technology II* (2)	Practicum - Construction Technology* (2)	

Step 1: Choose a "Career Pathway" to explore.

Step 2: Select a course at the appropriate level. (9th graders must begin at Level 1)

Step 3: Note the type of graduation endorsement(s) that could be earned by completing the pathway.

Business and Industry Endorsement Options, Continued...

Career Pathway		Junior High Jumpstart	Level 1	Level 2	Level 3	Level 4
Culinary Arts	➔	Principles of Hospitality and Tourism (1)	Intro. to Culinary Arts+ (1)	Culinary Arts + (2)	Advanced Culinary Arts* (2)	Food Science+* (1) OR Practicum - Culinary Arts* (2)
Cybersecurity ^	➔	Business Information Management I (1)	Computer Science Essentials (1)	Foundations of Cybersecurity (1)	AP Computer Science Principles+ (S1) AND AP Computer Science A+ (Math and LOTE) (S2)	Practicum - Cybersecurity+* (2)
Electrical Technology (Lone Star College-Creekside Center)	➔	Engineering Essentials (1)				AC/DC Electronics+ (1) AND Electrical Technology I+ (2)
Engineering Foundations ^	➔	Engineering Essentials (1)	Introduction to Engineering Design (1)	Engineering Science+* (1)	Aerospace Engineering (1) OR Digital Electronics* (1)	Engineering Design & Development+* (1)
Game and App Development ^	TRACK 1 ➔	Business Information Management I (1)	TAP Computer Science I* (1)	AP Computer Science A+ (2 credits- Math and LOTE, 1 period)	TAP Game Programming and Design* (1)	TAP Mobile App Dev* (1)
	TRACK 2 ➔	Business Information Management I (1)	Fundamentals of Computer Science (1)	TAP Computer Science I* (1)	AP Computer Science A+ (2 credits- Math and LOTE, 1 period)	TAP Game Programming and Design* (1)
Graphic Design and Interactive Media	➔	Digital Media (1)	Principles of Arts, A/V Tech, & Communications (1)	Graphic Design I+ (1)	Graphic Design II with Lab* (2)	Practicum - Graphic Design* (2)
Marketing and Sales	➔	Business Information Management I (1)	Principles of Business Marketing & Finance (1)	Sports & Entertainment Marketing I+ (.5) AND/OR Fashion Marketing+ (.5)	Social Media Marketing+ (.5) AND/OR Advertising+ (.5) AND/OR Marketing I+(1)	Practicum - Marketing* (2)
Plant & Floral Science ^	➔	Business Information Management I (1)	Principles of Agriculture, Food & Natural Resources (1)	Greenhouse Operation and Production (1) OR Floral Design (1)	Horticulture Science (1) OR Advanced Floral Design* (1)	Advanced Plant & Soil Science+ (1)
Robotics ^	➔	Engineering Essentials (1)	Robotics I+ (1)	Robotics II* (1)	Scientific Research and Design* (1)	Practicum - Robotics* (2)
Welding	➔	Engineering Essentials (1)	Introduction to Welding+ (1)	Welding I+ (2)	Welding II* (2)	Practicum - Welding* (2)

Step 1: Choose a "Career Pathway" to explore.

Step 2: Select a course at the appropriate level. (9th graders must begin at Level 1)

Step 3: Note the type of graduation endorsement(s) that could be earned by completing the pathway.

PUBLIC SERVICE Endorsement Options

(Career Pathways designated with ^ will earn also earn a STEM Endorsement as long as the appropriate Math and Science requirements are met.)

Career Pathway	Junior High Jumpstart	Level 1	Level 2	Level 3	Level 4
Dentistry ^ →	Business Information Management I (1)	Principles of Health Science (1)	Medical Terminology (1)	Health Science Theory* (1) OR Health Science Clinicals & Theory* (2)	Practicum - Dentistry* (2) AND/OR Anatomy & Physiology +* (1)
Emergency Medicine ^ →	Business Information Management I (1)	Principles of Health Science (1)	Medical Terminology (1)	Health Science Theory* (1) OR Health Science Clinicals & Theory* (2)	Practicum - Emergency Medicine* (2) AND/OR Anatomy & Physiology +* (1)
Junior ROTC *Note that, although Junior ROTC is not a CTE Program of Study, students can earn a Public Service Endorsement by completing the required sequence of courses →	LOTC (1)	JROTC I (1)	JROTC II* (1)	JROTC III* (1)	JROTC IV* (1)
Law Enforcement →	Business Information Management I (1)	Principles of Law (1)	Law Enforcement I+ (1)	Law Enforcement II+ (1) AND Criminal Investigation+ (1)	Practicum - Law Enforcement* (2)
Legal Studies →	Business Information Management I (1)	Principles of Law (1)	Court Systems and Practice+ (1)	Advanced Legal Skills and Professions+ (1) AND Legal Research and Writing+ (1)	Practicum - Legal Studies* (2)
Nursing ^ →	Business Information Management I (1)	Principles of Health Science (1)	Medical Terminology (1)	Health Science Theory * (1) OR Health Science Clinicals & Theory* (2)	Practicum - Nursing* (2) AND/OR Anatomy & Physiology+* (1)
Pharmacy ^ →	Business Information Management I (1)	Principles of Health Science (1)	Medical Terminology (1)	Health Science Theory* (1) OR Health Science Clinicals & Theory* (2)	Practicum - Pharmacy* (2) AND/OR Anatomy & Physiology+* (1)
Teaching & Training →	Principles of Human Services (1)	Principles of Education & Training (1)	Human Growth & Development+ (1)	Instructional Practices+* (2)	Practicum - Teaching & Training+* (2)