

Programs of Study 26-27

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 Pathway	Junior High Jumpstart	Level 1	Level 2	Level 3	Level 4
Accounting & Financial Services	Foundations of Business Communication and Technologies (1)	Principles of Business, Marketing & Finance (1) OR Money Matters (1) OR Foundations of Business Communication and Technologies (1)	Accounting I (1) OR Financial Mathematics* (1) Entrepreneurship (1)	Accounting II* (1)	Practicum - Accounting* (2)
Agricultural Technology and Mechanical Systems	Foundations of Business Communication and Technologies (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)
Animal Science	Foundations of Business Communication and Technologies (1)	Principles of Agriculture, Food & Natural Resources (1)	Small Animal Management (.5) AND/OR Equine Science (.5) Entrepreneurship (1)	Livestock and Poultry Production* (1) AND/OR Veterinary Science* (1)	Practicum - Animal Science* (2) OR Advanced Animal Science* (1) AND/OR Practicum - Veterinary* (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) Entrepreneurship (1)	Audio Video Production II* (1)	Practicum - Audio Video Production* (2)
Aviation Maintenance	Principles of Applied Engineering (1)	Introduction to Aircraft Technology (1)	Aircraft Maintenance Technology* (1)	Aircraft Airframe Technology* (2)	Practicum - Aviation Maintenance* (2)
Aviation Pilots	Principles of Applied Engineering (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) OR Aerospace Design (1)	Practicum - Aviation Pilots* (2)
Business Management	Foundations of Business Communication and Technologies (1)	Foundations of Business Communication and Technologies (1) OR Principles of Business, Marketing, & Finance (1)	Business Communication and Technologies* (1) OR Entrepreneurship	Business Management (1) OR BUSI 1301(3) AND/OR Business Law (1) OR BUSI 2301(3)	Statistics & Business Decision Making* (1) OR Practicum - Business Management* (2)
Construction Technology	Introduction to Computer-Aided Drafting (1)	Principles of Architecture (1)	Construction Technology I (2) Entrepreneurship (1)	Construction Technology II* (2)	Practicum - Construction Technology* (2)

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 (1)	Culinary (2) Entrepreneurship (1)	Advanced Culinary* (2)	Food Science* (1) OR Practicum - Culinary* (2)
Graphic Design	Digital Media (1)	Principles of Arts, A/V Tech, & Communications (1)	Graphic Design I (1) Entrepreneurship (1)	Graphic Design II with Lab* (2)	Practicum - Graphic Design* (2)
Marketing and Sales	Foundations of Business Communication and Technologies (1)	Principles of Business Marketing & Finance (1)	Marketing I (1) Entrepreneurship (1)	Sports & Entertainment Marketing (.5) AND/OR Fashion Marketing (.5) AND/OR Social Media Marketing (.5) AND/OR Advertising (.5)	Statistics & Business Decision Making* (1) OR Practicum - Marketing* (2)
Plant & Floral Science	Foundations of Business Communication and Technologies (1)	Principles of Agriculture, Food & Natural Resources (1)	Landscape Design and Management (.5) AND/OR Turf & Grass Management (.5) OR Floral Design (1) Entrepreneurship (1)	Horticulture* (1) OR Advanced Floral Design* (1)	Advanced Plant & Soil Science* (1) OR Practicum - Plant & Floral Science* (2)
Welding	Principles of Applied Engineering (1)	Introduction to Welding (1)	Welding I (2) Entrepreneurship (1)	Welding II* (2)	Practicum - Welding* (2)

PUBLIC SERVICE Endorsement Options

Career Pathway	Junior High Jumpstart	Level 1	Level 2	Level 3	Level 4
Dentistry	Foundations of Business Communication and Technologies (1)	Principles of Health Science (1)	Medical Terminology (1)	Health Science Theory* (1) OR Health Science Clinicals* (2) AND/OR Anatomy & Physiology * (1)	Practicum - Dentistry* (2)
Emergency Medicine	Foundations of Business Communication and Technologies (1)	Principles of Health Science (1)	Medical Terminology (1)	Health Science Theory* (1) OR Health Science Clinicals* (2) AND/OR Anatomy & Physiology * (1)	Practicum - Emergency Medicine* (2)
Junior Reserve Officers' Training Corps (JROTC)	LOTC	JROTC I	JROTC II	JROTC III	JROTC IV
Law Enforcement	Foundations of Business Communication and Technologies (1)	Principles of Law (1)	Law Enforcement I (1)	Law Enforcement II (1) AND Criminal Investigation (1)	Forensic Science* (1) AND/OR Practicum - Law Enforcement* (2)
Legal Studies	Foundations of Business Communication and Technologies (1)	Principles of Law (1)	Court Systems and Practices (1)	Advanced Legal Skills and Professions (1) AND Legal Research and Writing (1) AND/OR Business Law (1)	Forensic Science* (1) AND/OR Practicum - Legal Studies* (2)
Nursing	Foundations of Business Communication and Technologies (1)	Principles of Health Science (1)	Medical Terminology (1)	Health Science Theory* (1) OR Health Science Clinicals* (2) AND/OR Anatomy & Physiology * (1)	Practicum - Nursing* (2)
Pharmacy	Foundations of Business Communication and Technologies (1)	Principles of Health Science (1)	Medical Terminology (1)	Health Science Theory* (1) OR Health Science Clinicals* (2) AND/OR Anatomy & Physiology * (1)	Practicum - Pharmacy* (2)
Teaching & Training	Principles of Human Services (1)	Principles of Education & Training (1)	Human Growth & Development (1)	Instructional Practices* (2)	Practicum - Teaching & Training* (2)

* Required Prerequisite

STEM Endorsement Options

(Non-STEM: Students who do not meet the STEM Math & Science Requirements of Algebra II, Chemistry, and Physics may earn the Business & Industry Endorsement in lieu of the STEM Endorsement)

Career Pathway	Junior High Jumpstart	Level 1	Level 2	Level 3	Level 4
Computer Science	Foundations of Business Communication and Technologies (1)	Computer Science I* (1)	AP Computer Science A (2 credits- Math and LOTE, 1 period) OR AP Computer Science Principles Entrepreneurship (1)	Computer Science II* (1) OR CTE Scientific Research and Design* (1)	Computer Science III* (1) OR CTE Project-Based Research & Design* (1)
Cybersecurity	Foundations of Business Communication and Technologies (1)	Foundations of Cybersecurity (1) OR Computer Science I*	AP Computer Science Principles* (1) OR AP Computer Science A	Internetworking Technologies (1)	Cybersecurity Capstone* (1)
Electrical Technology	Foundations of Business Communication and Technologies (1)	Foundations of Energy (1)	Energy and Natural Resource Technology (1)	AC/DC Electronics (1) AND Electrical Technology I (1)	Electrical Technology II* (2)
Engineering Foundations	Principles of Applied Engineering (1)	Engineering Design Process* (1)	Engineering Science* (1)	Aerospace Design* (1) OR Digital Electronics* (1) OR CTE Scientific Research and Design* (1)	Engineering Design & Presentation* (1) OR CTE Project-Based Research & Design* (1)
Game and App Development	Foundations of Business Communication and Technologies (1)	Computer Science I (1)	AP Computer Science A (2 credits- Math and LOTE, 1 period) Entrepreneurship (1)	Game Programming and Design* (1)	Mobile App Development* (1)
Robotics	Principles of Applied Engineering (1)	Robotics I (1)	Engineering Science*(1)	Robotics II* (1)	Digital Electronics* (1)

* Required Prerequisite