

Allen High School CTE Endorsement Career Pathways 2020-2021

An endorsement requires a coherent sequence of courses for four or more credits that consists of at least two courses in the same career cluster and at least one advanced CTE course.

Middle school courses that are not prerequisites but do earn high school credit and count toward an endorsement include:

Professional Communication, Social Media Marketing, and Robotics Programming & Design, grades 7 & 8 for .5 credit each, and BIM, 8th grade only, for 1 credit.

9th Grade	10th Grade	11th Grade	12th Grade
<i>Business & Industry Endorsement</i>			
Agriculture, Food & Natural Resources, Animal Systems Pathway - Veterinary Assistant Certification			
Principles of Agriculture, Food, & Natural Resources	Livestock Production OR Equine Science AND Small Animal Management	Veterinary Medical Applications OR Mathematical Applications in Ag	Practicum in Agriculture Veterinary Medicine
Agriculture, Food & Natural Resources, Plant Science Pathway - Texas State Floral Association level 1 Certification			
Principles of Agriculture, Food, & Natural Resources	Floral Design	Practicum in Ag I - Floral Design	Practicum in Ag II - Floral Design
Agriculture, Food & Natural Resources, Applied Ag Engineering Pathway - NCCER Welding Certification			
Principles of Agriculture, Food, & Natural Resources	Agriculture Mechanics & Metal Technologies	Agricultural Structures Design & Fabrication	Practicum in Agriculture Mechanics
Architecture & Construction, Interior Design Pathway - AutoCAD or Autodesk Revit Certification			
Principles of Architecture	Interior Design I	Interior Design II	Practicum in Interior Design
Architecture & Construction, Architectural Design Pathway - AutoCAD or Autodesk Revit Certification			
Principles of Architecture	Architectural Design I	Dual Credit Computer Aided Drafting (CAD)	Dual Credit Computer Aided Drafting (CAD)
Architecture & Construction, HVAC Pathway- HVAC Certificate & Residential Servicing Certificate			
Principles of Architecture	Architectural Design I	Dual Credit - HVAC	Dual Credit - HVAC
Arts, A/V Technology & Communication, Animation Pathway - Adobe Animate Certification			
Principles of Arts, Audio/Video Technology & Communications	Animation I	Animation II with Lab	Practicum in Animation
Arts, A/V Technology & Communication, Graphic Design Pathway - Adobe Illustrator Certification			
Principles of Arts, Audio/Video Technology & Communications	Graphic Design & Illustration I	Graphic Design & Illustration II with Lab	Practicum in Graphic Design
Arts, A/V Technology & Communication, Radio Television & Film Pathway - Adobe Premiere Certification			
Principles of Arts, Audio/Video Technology & Communications	Audio/Video Production I	Audio/Video Production II with Lab	Practicum in Audio/Video Production
Arts, A/V Technology & Communication, Commercial Photography Pathway - Adobe Photoshop Certification			
Principles of Arts, Audio/Video Technology & Communications	Commercial Photography I	Commercial Photography II with Lab	Practicum in Commercial Photography
Business, Marketing & Finance, Business Management Pathway - Microsoft Certification			
Principles of Business Marketing & Finance OR Business Information Management II	Business Management	Practicum in Business I - Eagle Edge Store	Practicum in Business II - Eagle Edge Store
Business, Marketing & Finance, Accounting & Financial Services Pathway - QuickBooks Certification			
Principles of Business Marketing & Finance OR Business Information Management II	Accounting I OR Banking & Financial Services	Accounting II OR Banking & Financial Services OR Business Law	Practicum in Business - Financial Services
Business, Marketing & Finance, Marketing and Sales Pathway - Microsoft Certification			
Principles of Business, Marketing & Finance	Fashion Marketing OR Advertising OR Sports Entertainment Marketing (select 2 of the 3)	Entrepreneurship	Practicum in Business - Eagle Edge Store
Business, Marketing & Finance, Medical Billing & Coding Pathway - Medical Billing certification			
Medical Terminology OR Business Information management II	Medical Terminology OR Business Information management II	Health Informatics	Practicum in Business - Medical Office

9th Grade	10th Grade	11th Grade	12th Grade
Hospitality and Tourism, Culinary Arts Pathway - ServSafe Certification			
Introduction to Culinary Arts	Culinary Arts - Blu	Practicum in Culinary Arts I - Blu	Practicum in Culinary Arts II - Blu
Hospitality and Tourism, Hospitality & Tourism Pathway - Certified Hospitality & Tourism Management Professional			
Hotel Management	Hospitality Services	Practicum in Hospitality Services I	Practicum in Hospitality Services II
Information Technology, Electronics Pathway - A+ Certification			
Principles of Information Technology	AC/DC Electronics	Computer Maintenance	Dual Credit Networking
Transportation, Distribution & Logistics, Automotive Service Technician Pathway - Maintenance & Light Repair Tech Level 1 Certificate			
Principles of Transportation Systems 2021-2022	Automotive Basics 2022-2023	Dual Credit Automotive Service Technician	Dual Credit Automotive Service Technician
Transportation, Distribution & Logistics, Collision Repair Pathway - Level 1 Certificate			
Principles of Transportation Systems 2021-2022	Basic Collision Repair & Refinishing 2022-2023	Dual Credit Collision Repair	Dual Credit Collision Repair
Manufacturing, Welding Technology Pathway - Level 1 Welding Technology Certificate			
Principles of Agriculture, Food, & Natural Resources	Agricultural Mechanics & Metal Technologies	Dual Credit Welding Technology	Dual Credit Welding Technology
<u>Public Service Endorsement</u>			
Education & Training, Education Pathway			
Principles of Education & Training	Human Growth & Development	Instructional Practices	Practicum in Education & Training
Health Science, Nurturing Science Pathway - Certified Nurse Aide (CNA)			
Medical Terminology	Principles of Health Science	Health Science Theory with Clinical	Practicum in Health Science
Health Science, Nurturing Science Pathway Dual Credit - Certified Nurse Aide (CNA)			
Medical Terminology	Principles of Health Science	Dual Credit Health Science	Dual Credit Health Science
Health Science, Emergency Medical Technician Pathway - EMT certification			
Medical Terminology	Principles of Health Science	Anatomy & Physiology OR Pathophysiology	Dual Credit Health Science
Health Science, Pharmacy Technician Pathway - Pharmacy tech certification			
Medical Terminology	Principles of Health Science	Anatomy & Physiology OR Pathophysiology	Practicum in Health Science - Pharmacy Tech
Law, Public Safety, Security, & Military, Law Enforcement Pathway - Dispatch certification			
Principles of Law, Public Safety, & Security	Law Enforcement I	Law Enforcement II OR Forensic Science	Practicum in Law, Public Safety, Corrections & Security
Law, Public Safety, Security, & Military, JROTC Marine Corps Pathway			
JROTC 1I	JROTC II	JROTC III	JROTC IV
<u>SCIENCE, TECHNOLOGY, ENGINEERING & MATH (STEM) Endorsement</u>			
STEM, Engineering Pathway - Autodesk Certification			
Principles of Applied Engineering	Engineering Design & Presentation I	Engineering Design & Presentation II	Practicum in Science, Tehnology, Engineering, and Mathematics OR Scientific Research and Design
STEM, Robotics Pathway - Autodesk and OSHA Certifications			
Principles of Applied Engineering	Robotics I	Robotics II	Practicum in Manufacturing - Robotics
STEM, Programming and Software Development Pathway - AP Computer Science Exam			
Fundamentals of Computer Science	Computer Science I	Computer Science II	Computer Science III