

DECATUR
INDEPENDENT
SCHOOL DISTRICT

2024-2025

Programs of Study Pathway Guide

Career & Technical Education

Decatur High School
750 E. Eagle Summit Dr.
Decatur, TX 76234
940-393-7200
www.decaturnisd.us

Endorsement Plan Options

All students are required to declare an endorsement in writing. Students will be permitted to change their endorsement with written notification.

There are five endorsement options, which allow students flexibility based on individual interests and career goals. Each endorsement category is designed to prepare students to successfully enter postsecondary education or the workforce upon graduation from high school. The endorsement and career areas to which they correspond are as listed below:

- **STEM** – Science; Technology; Engineering and Mathematics (Algebra II, Chemistry and Physics are required for the STEM endorsement)
- **PUBLIC SERVICES** – Education and Training; Health Science; and Human Services; Law and Public Service; Human Services
- **BUSINESS & INDUSTRY** – Agriculture, Food, and Natural Resources; Arts, A/V Technology and Communications; Business Marketing and Finance; Fi; Hospitality and Tourism; Information Technology; Transportation
- **ARTS & HUMANITIES** – Social Studies; Languages other than English; Fine Arts; and English Language Arts
- **MULTIDISCIPLINARY STUDIES** – Allows students to take courses in several endorsement areas as listed above.

Cosmetology (Available only at WCWC)



Pathway option to obtain the Human Service Endorsement

Courses:

- Principles of Cosmetology
- Introduction to Cosmetology
- Cosmetology I
- Cosmetology II

Career Prep & Practicum Learning Experiences

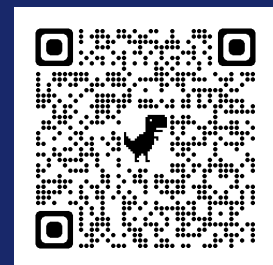


Courses:

- Career Prep I/Extended Career Prep
- Career Prep II/Extended Career Prep
- Practicum Learning Experiences



For further information and to
view detailed course
descriptions, visit the Pathways
Guide Presentation. Scan the
QR below:



Agriculture Food and Natural Resources



Pathways: Animal Science, Plant Science, Applied Agricultural Engineering

Courses:

- Principles of Agriculture, Food & Natural Resources (AFNR)
- Mathematical Applications in AFNR
- Equine Science
- Small Animal Management
- Livestock Production
- Advanced Animal Science (DE)
- Veterinary Medical Applications
- Practicum of AFNR
- Horticultural Science
- Floral Design
- Advanced Floral Design
- Advanced Plant & Soil Science (DE)

- Ag Mechanics & Metal Technologies
- Ag Structures Design & Fabrication
- Ag Power Systems
- Ag Equipment Design & Fabrication

Certifications:

- Certified Veterinary Assistant, Level 1
- Elanco Fundamentals of Animal Science
- Elanco Veterinary Medical Applications
- Texas State Floral Association Floral Skills Knowledge Based Certification
- Texas State Floral Association Level One Floral Certification
- Texas State Floral Association, Level Two Certification
- AWS D1.1 Structural Steel
- AWS D9.1 Sheet Metal Welding

*DE=dual enrollment

Arts, Audio/Video Technology, and Communications



Pathway: Digital Communications, Graphic Design & Interactive Media

Courses:

- Principles of Arts, Audio/Video Technology & Communications
- Audio/Video Production I
- Audio/Video Production II/Lab
- Practicum in Audio/Video Production

- Digital Media
- Yearbook 1, 2
- Newspaper 1, 2
- Photojournalism 1, 2

Certifications:

- Audio- Visual Communications
- Broadcasting and Journalism
- Adobe Certified Professional;

Business, Marketing, and Finance



Pathway: Business Management

Courses:

- Principles of Business, Marketing and Finance
- Business Information Management I
- Global Business
- Human Resources Management
- Statistics & Business Decision Making
- Practicum in Entrepreneurship

Certifications:

- Microsoft Office Word Expert
- Microsoft Office Excel Expert

Education and Training



Pathway: Teaching & Training

Courses:

- Principles of Education and Training
- Practicum in Education and Training
- Child Development
- Instructional Practices

Certifications:

- Educational Aid 1

Health Science



Pathway: Diagnostics & Healthcare Therapeutics, Exercise Science, Wellness, & Restoration

Courses:

- Principles of Health Science
- Medical Terminology
- Health Science Theory
- Anatomy and Physiology
- Practicum in Health Science 1/2
- Pathophysiology
- Kinesiology 1, 2
- Physical Therapy

Certifications:

- Certified Clinical Medical Assistant (CCMA)
- Patient Care Technician (PCT)

Hospitality and Tourism

Pathway: Culinary Arts

Courses:

- Introduction to Culinary Arts
- Culinary Arts
- Advanced Culinary Arts
- Practicum in Culinary Arts
- Food Science

Certifications:

- Certified Hospitality & Tourism Management Professional
- Culinary Meat Selection & Cookery Certification
- Food Protection Manager Certification
- Food Safety & Science Certification
- Pre-Professional Certification in Culinary Arts
- Pre-Professional Certification in Food Science Fundamentals
- ServSafe Manager

Information Technology



Pathways: Programming & Software Development, Cybersecurity

Courses:

- Principles of Information Technology
- Computer Science 1, 2
- Discrete Math for Computer Science
- Networking
- Practicum in Information Technology
- Practicum in Entrepreneurship
- Game Programming & Design

Certifications:

- CodeHS Cybersecurity Level 1 Certification
- CodeHS Python Level 1 Certification

Law and Public Service



Pathway: Law Enforcement

Courses:

- Principles of Law, Public Safety, Corrections, and Security
- Law Enforcement I
- Law Enforcement II
- Counseling and Mental Health
- Forensic Science

Certifications:

- Law Enforcement II - State of Texas Level II Security Officer Certification

Engineering Foundation



Pathway: Engineering

Courses:

- Engineering Essentials
- Introduction to Engineering Design
- Manufacturing Engineering Technology
- Computer Integrated Manufacturing
- Engineering Design and Presentation

Certifications:

- Autodesk Associate (certified user) Fusion 360
- Autodesk Certifies Professional Fusion 360

Transportation, Distribution, and Logistics



Pathway: Automotive

Courses:

- Automotive Basics
- Automotive Technology I: Maintenance and Light Repair
- Automotive Technology II: Automotive Service
- Practicum in Transportation Systems

Certifications:

- ASE Entry-Level Automobile Suspension and Steering (SS)
- ASE Entry-Level Automobile Brakes (BR)
- ASE Entry-Level Automobile Manual Drive Train and Axles (MD)
- ASE Entry-Level Automobile Engine Repair (ER)
- ASE Entry-Level Automobile Heating and Air Conditioning (AC)
- ASE Entry-Level Automobile Electronic/Electrical Systems (EE)
- ASE Entry-Level Automobile Automatic Transmission/Transaxle (AT)
- ASE Entry Level Automobile Maintenance and Light Repair (MR)
- ASE Entry-Level Automobile Engine Performance (EP)

Student Opportunities for Achievement & Readiness



Levels:

S.O.A.R (Formerly AVID)

- 1 - Principles of Human Services, Social & Community Services
- 2 - Family & Community Services
- 3 - Professional Communications/Dollars & Sense
- 4 - Project Based Research