

Programs of study for Dickinson ISD Career Technical Education at Dickinson High School as of 2025-2026 for students in grades 9-12.



Career & Technical Student Organization Opportunities:

Career and Technical Student Organizations (CTSOs) extend classroom learning to include leadership development, community service, and career preparation. Students also participate in competitions at local, state, and national levels, gaining valuable skills and experiences that prepare them for future success.

CTE courses available for Fine Art, Math, Science and LOTE credits:

Fine Art

Floral Design

LOTE

Computer Science I & II (2 credits needed)

Math

Financial Mathematics

Accounting II

Robotics II

Science

Advanced Animal Science

Advanced Plant & Soil Science

Engineering Science

Medical Microbiology

Anatomy & Physiology

Forensic Science

CONTACT

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2025-2026

Dickinson High School

**Career and Technical
Education**

CAREER TECHNICAL EDUCATION CTE PROGRAMS



AGRICULTURE

PROGRAMS OF STUDY

- Animal Science
- Animal Science (Vet Med)
- Agriculture Technology and Mechanical Systems (AG Mechanics)
- Plant Science
- Plant Science (Floral Design)

CERTIFICATIONS

- Elanco Fundamentals of Animal Science
- Certified Veterinary Assistant, Level I
- AWS D9.1 Sheet Metal Welding
- Texas State Florist's Association Knowledge, Level I, Level II
- BASF Plant Science



BUSINESS, MARKETING & FINANCE

PROGRAMS OF STUDY

- Accounting and Financial Services
- Marketing and Sales
- Real Estate

CERTIFICATIONS

- Accounting – Basics
- Intuit QuickBooks Certified User
- Student Social Media Marketing
- Real Estate Sales Agent License



HUMAN SERVICES

PROGRAMS OF STUDY

- Cosmetology and Personal Care Services (Barbering)
- Cosmetology and Personal Care Services (Cosmetology)

CERTIFICATIONS

- Barber Operator License
- Cosmetology Operator License



AUDIO/ VISUAL TECHNOLOGY

PROGRAMS OF STUDY

- Digital Communications (Audio/Video)
- Graphic Design & Interactive Media (Photography, Video Game Design, Yearbook)

CERTIFICATIONS

- Adobe Certified Professional in Digital Video Using Adobe Premiere Pro
- Adobe Certified Professional in Visual Design using Adobe Photoshop
- Adobe Certified Professional in Graphic Design & Illustration using Adobe Illustrator
- Adobe Certified Professional in Print & Digital Media Publication using Adobe InDesign



EDUCATION & TRAINING

PROGRAMS OF STUDY

- Teacher and Training

CERTIFICATIONS

- Educational Aide I



HEALTH SCIENCE

PROGRAMS OF STUDY

- Healthcare Diagnostics and Therapeutic Services (Dental, EMT, EKG, Imaging, PCT, Pharm Tech)

CERTIFICATIONS

- Limited Medical Radiologic Technologist
- Emergency Medical Technician – Basic
- Certified EKG Technician
- Patient Care Technician
- Pharmacy Technician
- Registered Dental Assistant X-Ray



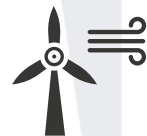
ENGINEERING

PROGRAMS OF STUDY

- Engineering Foundations (Aerospace, Robotics)

CERTIFICATIONS

- Certified SolidWorks Associate



ENERGY

PROGRAMS OF STUDY

- Refining and Chemical Processes

CERTIFICATIONS

- NCCER Core



INFORMATION TECHNOLOGY

PROGRAMS OF STUDY

- Programming and Software Development
- Networking

CERTIFICATIONS

- Certified Entry-Level Python Programmer
- CompTIA Network+



TRANSPORTATION

PROGRAMS OF STUDY

- Automotive

CERTIFICATIONS

- ASE Entry-Level Automobile



LAW & PUBLIC SERVICES

PROGRAMS OF STUDY

- Law Enforcement

CERTIFICATIONS

- IAED Emergency Telecommunicator