

## Certifications Offered

### Agriculture

- Beef Quality Assurance  
OSHA 30—General Industry  
Texas State Floral Association (TSFA)
- Floral Skills Knowledge Based Certification;
  - Level 1 Floral Certification

### Arts & AV

Adobe Certified Associate - Photoshop  
Adobe Certified Associate Premier Pro

### Automotive Technology

Automotive Service Excellence (ASE)

### Education and Training

Educational Aide I

### Health Science

EKG Technician  
Certified Dental Assistant  
Certified Pharmacy Technician  
Patient Care Technician

### Human Services

Texas Barber Operator License  
Texas Cosmetology Operators License

### Law Enforcement

International Academies of Emergency  
Dispatch, Emergency Tele-communicator

### Manufacturing

American Welding Society (AWS) D1.1; D9.1  
NCCER Core Level 1  
NCCER Welding 1

### Science, Technology, Engineering, and Math (STEM)

Certified SolidWorks Associate

### Vision

All Dickinson ISD Career & Technical Education (CTE) students will graduate with industry certifications, licenses, and postsecondary certificates so they are positioned to successfully compete in the global workforce.

### Mission

To provide Dickinson ISD Career & Technical Education (CTE) students with the college and career readiness skills and business and industry credentials needed for a successful transition to post-secondary education, career and /or the military.

### CTE Philosophy

- To provide students with a curriculum based on integrated academic and technical content and strong employability skills.
- To expose students to work-based learning experiences that enable them to connect what they are learning to professional career settings.
- To develop and continuously refine programs aligned not only with college and career-readiness standards, but also with the current needs of business and industry.
- To partner with business and industry to reduce skills shortages, spur business growth, encourage new investment and hiring of skilled teenage employees, and promote continued economic growth in Galveston County and surrounding areas.

Dickinson ISD offers career and technical education programs in Agriculture, Food and Natural Resources; Architecture and Construction; Arts, AV Technology and Communications; Business Management and Administration; Education and Training; Finance; Government and Public Administration; Health Science; Human Services; Information Technology; Law, Public Safety, Corrections and Security; Manufacturing; Marketing; Science, Technology, Engineering and Mechanics; as well as Transportation, Distribution and Logistics. Admission to these programs is based on student interest, student needs and grade level requirements set by the Texas Education Agency.

It is the policy of DISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

It is the policy of DISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended.

DISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

For information about your rights or grievance procedures, contact the Title IX Coordinator at Robert Cobb, 2218 East FM 517, Dickinson, TX 77539. (281) 229-6000, and/or the Section 504 Coordinator at Laurie Rodriguez, 2218 East FM 517, Dickinson, TX 77539. (281) 229-6000.

# Programs of Study and Information Guide



## Dickinson ISD Career and Technical Education

More information contact your  
school counselor or

CTE Phone: 281-229-6070

CTE Email: CTE@dickinsonisd.org

Web address: [http://  
www.dickinsonisd.org/page/ct.home](http://www.dickinsonisd.org/page/ct.home)

Dickinson High School  
3800 Baker Dr.  
Dickinson, TX 77539

## Agriculture, Food & Natural Resources

### Animal Science

Principles of Agriculture, Food, and Natural Resources  
Small Animal Management/Equine Science  
\*Livestock Production/Lab  
\*Advanced Animal Science

### Plant Science

Principles of Agriculture, Food, and Natural Resources  
Horticulture Science/Lab  
Floral Design/Lab  
\*Advanced Floral Design

### Agribusiness

Principles of Agriculture, Food, and Natural Resources  
Professional Communications  
\*Agribusiness Management & Marketing  
\*Practicum in Agriculture, Food, and Natural Resources or  
\*Career Prep 1

## Arts, A/V Technology and Communication

### Design and Multimedia Arts

Principles of Arts, A/V Technology, And Communications  
Video Game Programming  
\*Advanced Video Game Programming  
\*Career Prep 1

### Design and Multimedia Arts

Principles of Arts, A/V Technology, And Communications  
Commercial Photography  
\*Commercial Photography II  
\*Practicum in Commercial Photography or \*Career Prep 1

### Digital Communications

Principles of Arts, A/V Technology, And Communications  
Audio/Video Production  
\*Audio/Video Production II  
\*Practicum in Audio/Video Production

## Business, Marketing, and Finance

### Marketing and Sales

Principles of Business, Finance, and Marketing  
Sports and Entertainment Marketing (.5) & Social Media  
Marketing (.5)  
\*Sports Entrainment & Marketing II (.5) & \*Advertising (.5)  
\*Career Preparation I

### Business Management

(PREREQ: ARD Committee Decision)

Business Information Management I  
Business Information Management II  
\*Career Preparation I

## Education & Training

### Teaching and Training

Principles of Education and Training  
Child Development  
\*Instructional Practice in Educational Training  
\*Practicum in Education and Training or \*Career Preparation I

## Health Science

### Healthcare Therapeutics

Principles of Health Science  
Medical Terminology  
\*Health Science Theory  
\*Practicum in Health Science (PCT)

### Healthcare Therapeutics

Principles of Health Science  
Medical Terminology  
\*Health Science Theory  
\*Practicum in Health Science (Pharmacy)

### Healthcare Therapeutics

Principles of Health Science  
Medical Terminology  
\*Health Science Theory  
\*Practicum in Health Science (Dental)

### Healthcare Diagnostics

Principles of Health Science  
Medical Terminology  
\*Health Science Theory  
\*Anatomy & Physiology

## Human Services

### Cosmetology / Barbering

Introduction to Cosmetology  
Cosmetology I/Lab OR Barbering I  
\*Cosmetology II/Lab OR Barbering II

## Law and Public Service

### Law Enforcement

Principles of Law, Public Safety, Corrections, and Security  
Law I  
\*Law II OR Correctional Services  
\*Forensic Science

## Manufacturing

### Advanced Manufacturing and Machinery Mechanics

Principles of Applied Engineering  
Robotics I  
\*Robotics II  
\*Career Preparation I

### Welding

Introduction to Welding  
Welding I  
\*Welding II  
\*Career Preparation I

## Science, Technology, Engineering & Math

### Engineering

Introduction to Engineering Design (PLTW)  
Engineering Science  
\*Engineering Design and Presentation I  
\*Engineering Design and Presentation II

### Engineering (Aerospace)

Introduction to Engineering Design (PLTW)  
Engineering Science  
\*Aerospace Engineering (PLTW)  
\*Practicum in Information STEM

### Programming and Software Development

Fundamentals of Computer Science  
Computer Programming I  
\*Computer Programming II  
\*Practicum in Information Technology or \*Career Preparation I

## Transportation, Distribution & Logistics

### Automotive

Automotive Basics  
Automotive Technology 1: Maintenance & Light Repair  
\*Automotive Technology 2: Automotive Service  
\*Practicum in Transportation Systems or \*Career Preparation I



\* Indicates a Pre-AP scale beginning with freshman starting the 2020-2021 school year