

Enhanced Skills Training for High-Demand Careers

Innovative Workforce Development for Corpus Christi

July 2024



DEL MAR COLLEGE

CCREDC Mission Alignment

Aligning to our mission

Promoting economic growth through education and skilled workforce development.

Purpose

Funding the Enhanced Skills Training for High-Demand Careers pathway with Del Mar College (DMC).

Goal

Address critical workforce needs and shortages in Corpus Christi.

Funding Request Overview

SKILL	Amount
Industrial Instrumentation	\$728,000
Artificial Intelligence	\$128,000
Engineering and Robotics	\$154,370
Chemistry Laboratory Technicians	\$532,500
Industrial Machining and Welding	\$355,500

Program Funding Impact and Benefits

Industrial Instrumentation

Elevated training for technicians.

Local job growth potential: 14%

Average salary: \$83,200

AI and Geospacial Visualization

Advanced computer workstations.

Local job growth potential: 10-24%

Average salary range: \$58,936 -
\$124,800

Engineering and Robotics

Cutting-edge equipment for multiple disciplines.

Local job growth potential: 10-15%

Average salary range: \$65,000 - \$90,000

Chemistry Lab Technicians

Essential skills for chemical testing.

Local job growth potential: 12%

Average salary: \$58,240

Industrial Machining and Welding

Hands-on training with CNC and plasma cutting tools.

Local job growth potential: 15%

Average salary range: \$53,768 - \$92,993

Area Businesses and Industries

Program Funding and Employers Impacted

Industrial Instrumentation

Cheniere Energy, Inc.

Enbridge

Tesla

AI and Geospacial Visualization

Port of Corpus Christi

Percheron Operating, LLC

GPAC

Engineering and Robotics

Schneider Electric

Steel Dynamics

Dixie Iron Works, Ltd.

Chemistry Lab Technicians

Valero

Flint Hills Resources

Department of State Health Services

Industrial Machining and Welding

Chemours

CCAD

Gulf Coast Growth Ventures

(ExxonMobil, SABIC)

Competing Texas Metropolitan Programs

Austin

Austin Community College Bond Programs

Dollars raised through local bond measures to enhance workforce training programs in:

- Health Sciences
- Information Technology
- Advanced Manufacturing

Dallas

High Demand Job Training Program

Partnership with local workforce boards and the EDC to provide funding for:

- Advanced Manufacturing
- Information Technology
- Energy

San Antonio

Alamo Academies

Utilization of local sales tax incentives to Alamo Colleges District in support of specialized training:

- Aerospace
- Manufacturing
- Information Technology
- Advanced Manufacturing

Houston

Houston Community College Workforce Program

Funded via local property tax revenues; specialty workforce training centers providing training in:

- Healthcare
- Energy
- Logistics

Strategic Importance

Attraction and Retention via Innovation

- Aligns with DMC's mission to provide quality education and workforce preparation for Corpus Christi.
- Develop a pipeline and steady supply of skilled workers for high-demand careers.
- Positions and solidifies Corpus Christi as a technical education and workforce development hub.
- Competition from San Antonio, Houston, Austin, and Dallas: Risk of losing our local talent and youth to these competitive workforce programs, markets, and cities.

