

Clarksville ISD Administrative Retreat  
**PTECH & CTE**

**Welcome**



Presented by Colt Stacer

# Agenda

- Introduction of Colt Stacer
- Introduction of Stacer Group
- Clarksville ISD Contract
  - Contact Information
- CTE Programs of Study Explained
- Concerns & Potential Solutions
- Summer Bridge Highlight
- Thank you!

# Colt Stacer

P-TECH & CTE Consultant

## Education

B.S. in Construction Management, College of Engineering

B.S. in Architecture, College of Architecture & Design

Master of Business Administration (M.B.A.)

## Industry Based Certifications (IBC)

AutoCAD® Certified Professional

OSHA-10Hr General Industry

Microsoft Project Endorsement by Microsoft

Adobe Photoshop & Illustrator, Advanced Design Studio

## Employment

Former Computer Aided Design (CAD) Engineer

Former College Instructor; Construction Management, Computer Aided Design & Drafting, Industrial Automation

Former Project Manager for the Automotive Industry

**Former CTE Consultant & Advisor to OSTC (Michigan CTE program)**

Current Project Manager for LAX & SAN Airports

Current Program Manager for United Airlines Account

## Business Ownership

Former Owner of Stacer Concepts LLC, Material Processing & CAD

**Current Owner of Stacer Group LLC, started in 2018, Consulting**



# Stacer Group



STACER GROUP  
CONSULTING FIRM

## General area of expertise...

Industry-Based Curriculum

Summer Bridge Curriculum

Work-based Learning Curriculum

Coursework Preparation Modules

Instructor Support

CTE & P-TECH Consulting

MOU Execution

Business Partnerships

CTE Completer Planning

Marketing

College & Career Strategy Coaching

For Students & Parents

*Coming January 2024 Pathway Modules &  
Online Curriculum Subscriptions for 6<sup>th</sup>-12<sup>th</sup>*

**MODULES**

**Construction Technology**

Safety → Materials → Technology → Career

**Sign Up**

Already a member? [Log In](#)

Sign up with Google

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or

Sign up with email

# Clarksville ISD Contract



**STACER GROUP**  
CONSULTING FIRM

## What we are partnered to accomplish together...

Benchmark Deliverables for P-TECH

Paris Junior College Relations

Business/Industry Recruitment

## Summer Bridge Execution - Complete

Next Pathway Development (Agriculture)

CTE Consultant to the Superintendent/Principals/Team

## Contact Us Anytime! Anyone!

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Category	Design
Student Recruitment	Stacer
Student Interest Survey	Stacer
Student Application	Stacer
Information Night	Stacer
Interviews with Cohort	Stacer
Acceptance Letter	Stacer
Orientation	Stacer
Summer Bridge Info Night	Stacer
Paris Junior College	Stacer
Certification Selection	Stacer
Crosswalk	Stacer
MOU	Stacer
Course Request	CISD
Business Recruitment	Stacer
Field Trip Coordination	Stacer
Classroom Speakers	Stacer
Cohort Project	Stacer/CISD
Soft Skills Development	Stacer
Partnership Management	Stacer
Industry Certs	Stacer/BP
Summer Bridge	Stacer
Curriculum	Stacer
Instructor (1 only)	Stacer
Website (Marketing Incl.)	Stacer
P-Tech Documentation	Stacer
Landing Page	Stacer

# Approved Statewide CTE Programs of Study (61\*)

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Texas Education Agency

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## Approved Statewide CTE Programs of Study

The statewide program of study frameworks have been updated (September 2022) and are posted below. The updated documents include newly developed CTE innovative courses, Technology Applications courses, and a comprehensive list of industry-based certifications from the TEA-approved list that are aligned to each program of study. PowerPoint versions of the documents are available to edit and can be downloaded through a zip file at the bottom of the page.

[Programs of Study Overview](#)

[Programs of Study FAQ](#)

### Agriculture, Food, and Natural Resources

- Agribusiness
- Animal Science
- Applied Agricultural Engineering
- Environmental and Natural Resources
- Food Science and Technology

### Architecture and Construction

- Architectural Design
- Carpentry
- Construction Management and Inspection
- Electrical
- HVAC and Sheet Metal
- Masonry

### Arts, Audio/Video Technology, and Communications

- Graphic Design and Multimedia Arts
- Digital Communications

### Business, Marketing, and Finance

- Accounting and Financial Services
- Business Management
- Entrepreneurship
- Marketing and Sales



# Career Clusters (14)

- Agriculture, Food and Natural Resources
- Architecture and Construction
- Arts, Audio/Video Technology, and Communications
- Business, Marketing, and Finance
- Education and Training
- Energy
- Health Science
- Hospitality and Tourism
- Human Services
- Information Technology
- Law and Public Service
- Manufacturing
- Science, Technology, Engineering and Mathematics
- Transportation, Distribution, and Logistics



## **Agriculture, Food, and Natural Resources**

- Agribusiness ←
- Animal Science
- Applied Agricultural Engineering
- Environmental and Natural Resources
- Food Science and Technology
- Plant Science

# Agriculture, Food, and Natural Resources Career Cluster

The Agriculture, Food, and Natural Resources (AFNR) Career Cluster focuses on the essential elements of life food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist. It also includes non-traditional agricultural occupations like wind energy, solar energy, and oil and gas production.

## Agribusiness Statewide Program of Study



The Agribusiness program of study explores the occupations and educational opportunities associated with the business of farming and agriculturally related business that supplies farm inputs, such as machinery and seeds. This program of study may also include exploration into the marketing of farm products, the purchase of farm products either for further processing or resale and grading or classifying unprocessed food or other agricultural products.

### Secondary Courses for High School Credit

#### Level 1

- Principles of Agriculture, Food, and Natural Resources

#### Level 2

- Professional Standards in Agribusiness
- Professional Communications

#### Level 3

- Agribusiness Management and Marketing/Lab

#### Level 4

- Agricultural Leadership, Research, and Communications
- Practicum in Agriculture, Food, and Natural Resources
- Practicum in Entrepreneurship
- Career Preparation I

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### Postsecondary Opportunities

#### Associates Degrees

- Agricultural Business and Management, General
- Banking and Financial Support Services
- Advertising
- Marketing/ Marketing Management, General

#### Bachelor's Degrees

- Agricultural Business and Management, General
- Finance, General
- Financial Mathematics
- Marketing/ Marketing Management, General

#### Master's, Doctoral, and Professional Degrees

- Agricultural Business and Management, General
- Finance, General
- Financial Mathematics
- Marketing/ Marketing Management, General

### Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Farmers, Ranchers, and Other Agricultural Managers	\$59,134	405	9%
Farm and Ranch Loan Officers	\$45,594	268	25%
Buyers and Purchasing Agents, Farm Products	\$46,488	268	20%

Successful completion of the Agribusiness program of study will fulfill requirements of the Business and Industry Endorsement. Revised – August 2022



# Agribusiness Course Information

## Level 1

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
Principles of Agriculture, Food, and Natural Resources	13000200 (1 credit)	None	None

## Level 2

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
Professional Standards in Agribusiness	13000800 (.5 credit)	None	None
Professional Communications	13009900 (.5 credit)	None	None

## Level 3

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
Agribusiness Management and Marketing/Lab	13000900 (1 credit) 13000910 (2 credits)	None	None

## Level 4

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
Agricultural Leadership, Research, and Communications	N1300266 (1 credit)	One credit from courses in the Agriculture, Food, and Natural Resources Career Cluster	None
Practicum in Agriculture, Food, and Natural Resources	03002500 (2 credits) 13002505 (3 credits) 13002510 (2 credits) 13002515 (3 credits)	None	None
Practicum in Entrepreneurship	N1303425 (2 credits)	None	None
Career Preparation I	12701300 (2 credits) 12701305 (3 credits)	None	None

FOR ADDITIONAL INFORMATION ON THE AGRICULTURE, FOOD, AND NATURAL RESOURCE CAREER CLUSTER, PLEASE CONTACT: [CTE@tea.texas.gov](mailto:CTE@tea.texas.gov)  
<https://tea.texas.gov/cte>

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Further nondiscrimination information can be found at [Notification of Nondiscrimination in Career and Technical Education Programs](#).

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### Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> <li>Tour a farm machinery products company</li> <li>Participate in Texas FFA</li> </ul>	<ul style="list-style-type: none"> <li>Intern with a farm machinery products company</li> <li>Work on a farm or ranch</li> </ul>

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### Industry-Based Certifications

- Entrepreneurship and Small Business
- Microsoft Office Specialist: Microsoft Office Expert (Excel and Excel 2019)
- Production Agriculture - Job Ready
- Microsoft Office Specialist Excel\*  
\*IBC sunseting 8/31/24



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**NURSING**



**WELDING**



# Nursing



- Courses correlated with PJC.
- Students complete Enhanced Nurse Aid Certificate 1 at PJC
- Students have the opportunity (paid by Red River Promise) to complete Phlebotomy Certificate.
- Students complete the CNA or PCT certificate prior to graduation.
- Clarksville ISD partners with Paris Regional Health for career placement.
- Students complete Summer Bridge programs.

# Welding



- Courses correlated with PJC.
- Students complete Structural Steel Welding Certificate at PJC.
- Students have the opportunity (paid by Red River Promise) to complete additional certificates and A.A.S. in Welding Technology.
- Students complete the AWS or NCCER certificate prior to graduation.
- Clarksville ISD partners with Turner Industries for career placement.
- Students complete Summer Bridge programs.



## Concern #1

# Number of Students by Grade Level



- Example:
  - 48 students enrolled in the freshmen class 2023-2024 school year.
  - 2 programs of study offered by Clarksville ISD, welding & nursing.
  - Paris Junior College requires minimum of 10 students enrolled to “make” a course.
  - A minimum of 20 students are required to enroll in welding & nursing.
  - $20/48 = 41.7\%$  enrollment in CTE.
  - An additional CTE program is added,  $30/48 = 62.5\%$
  - An additional 2 CTE programs are added,  $40/48 = 83.3\%$
  - **Is 4 CTE programs feasible?**

## Potential Solution #1

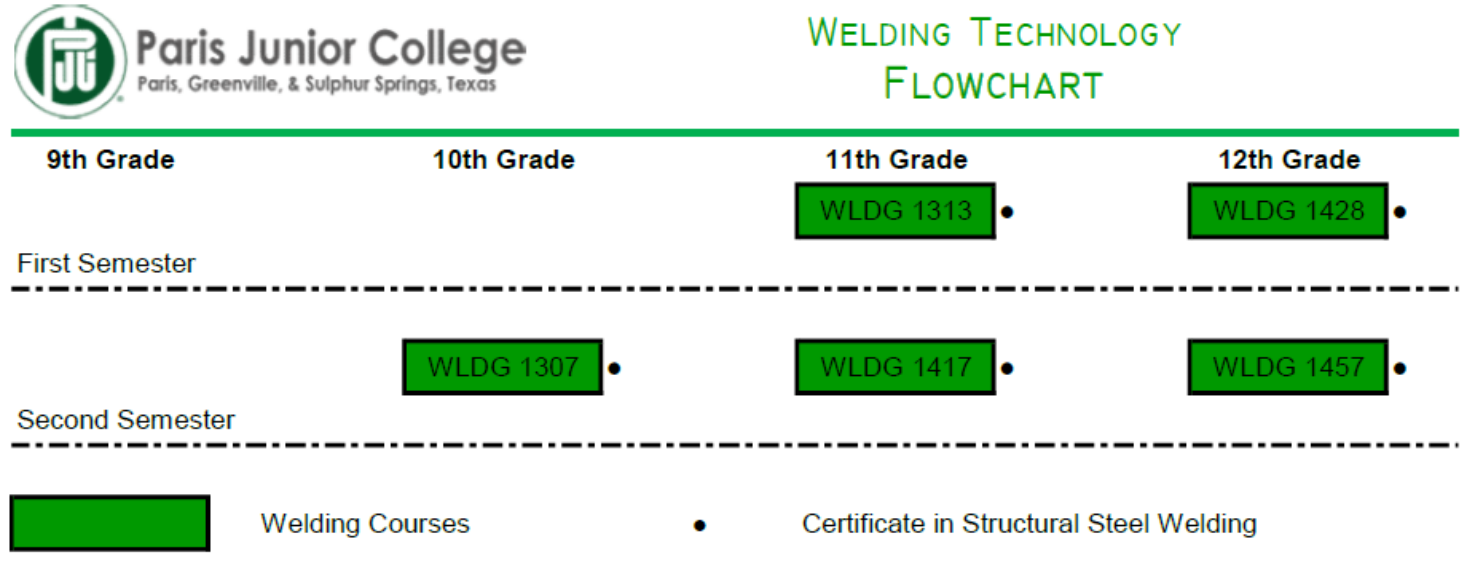
# Number of Students by Grade Level



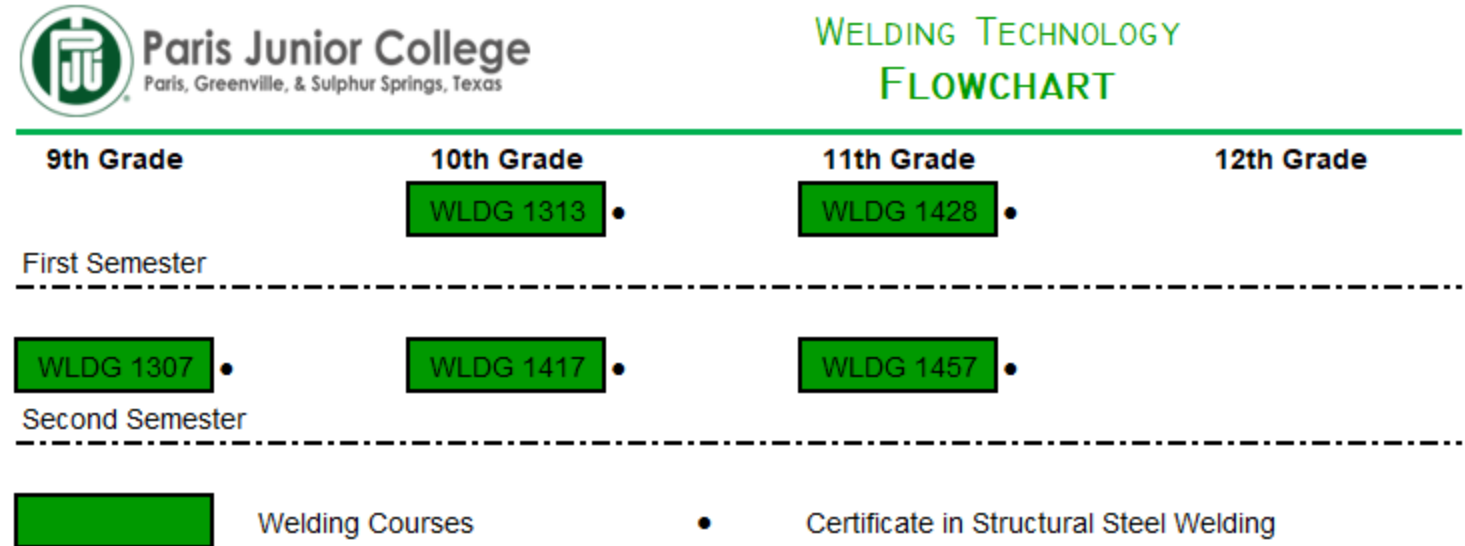
- Example:
  - 48 students enrolled in the freshmen class 2023-2024 school year.
  - 42 students enrolled in the sophomore class 2023-2024 school year.
  - **Combine the two school years for enrollment numbers at PJC.**
  - 2 programs of study offered by Clarksville ISD, welding & nursing.
  - Paris Junior College requires minimum of 10 students enrolled to “make” a course.
  - A minimum of 20 students are required to enroll in welding & nursing.
  - $20/90 = 22.2\%$  enrollment in CTE.
  - An additional CTE program is added,  $30/90 = 33.3\%$
  - An additional 2 CTE programs are added,  $40/90 = 44.4\%$

# Potential Solution #1 Number of Students by Grade Level

## 2027 Graduate Plan



## 2026 Graduate Plan





## Concern #2

# Selection of Programs



- Requests for multiple programs:
  - Emergency Services: Firefighter
  - Plant Science: Floral Design
  - Agribusiness or Applied Agricultural Engineering (FFA Participation)

# Potential Solution #2

## Selection of Programs



- Recommend Programs
  - ~~Emergency Services: Firefighter~~
  - ~~Plant Science: Floral Design~~
  - Agribusiness
    - or
    - Applied Agricultural Engineering and Business Management
- Do not exceed 4 programs
- **Are the programs part of P-TECH or only CTE?**

## Concern #3

# Class Offerings



- Medical Terminology I & Principles of Health Science must be completed by current Freshmen & Sophomores by the end of 2023-2024 school year.
- Principles of Health Science is a prerequisite.
- Medical Terminology is a correlated course thus the instructor must either be credentialed by PJC or an acceptable online solution must be completed.
- Introduction to Welding must be completed by current Freshmen & Sophomores by the end of 2023-2024 school year.
- Keeth Tyson must be credentialed by Paris Junior College.



# Summer Bridge Highlight!



- Over 30 students participated!
- Students with no prior experience were able to weld!
- Nursing students learned about blood types, medical equipment and even mastered roman numerals!
- Industry partner Turner Industries came out and participated in two different days of activities as well as presenting students with all the various opportunities that await them after graduation!



# Contact Us Anytime! Anyone!

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As always, **thank you!** This administrative team is  
the solution for the future of Clarksville ISD students.